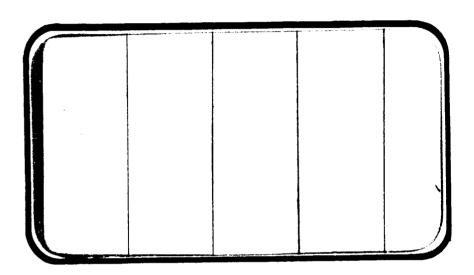
NASA

# NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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(NASA-CR-141542) AERCDYNAMIC RESULTS OF A SEPARATION EFFECTS TEST (IA87) ON A 0.01-SCALE MODEL (52-CTS) OF THE INTEGRATED SSV IN THE AEDC/VKF 4C-BY-40 INCH SUPERSONIC WIND TUNNEL A. VOLUME 2 (Chrysler Corp.)

Unclas G3/18 31074



SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER
HOUSTON, TEXAS

DATA MANagement services

SPACE DIVISION CHRYSLER
CORPORATION

DMS-DR-2192 NASA CR-141,542

AERODYNAMIC RESULTS OF A SEPARATION EFFECTS

TEST (IA87) ON A 0.01-SCALE MODEL (52-OTS) OF

THE INTEGRATED SSV IN THE AEDC/VKF

40-BY-40 INCH SUPERSONIC WIND TUNNEL A

VOLUME 2 of 2

Ву

J. H. Campbell, II Rockwell International Space Division

Prepared under NASA Contract Number NAS9-13247

Ву

Data Management Services Chrysler Corporation Space Division New Orleans, La. 70189

for

**Engineering Analysis Division** 

Johnson Space Center National Aeronautics and Space Administration Houston, Texas

#### WIND TUNNEL TEST SPECIFICS:

Test Number: AEDC V41A-60A

NASA Series Number: IA87

July 18-19, 1974 24 (Chargeable)

Model Number: 52-OT

#### FACILITY COORDINATOR:

Test Dates: Occupancy Hours:

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AERODYNAMIC RESULTS OF A SEPARATION EFFECTS

TEST (IA87) ON A 0.01-SCALE MODEL (52-OTS)

OF THE INTEGRATED SSV IN THE AEDC/VKF

40-BY-40 INCH SUPERSONIC WIND TUNNEL A

By J. H. Campbell, II, Rockwell International Space Division

#### **ABSTRACT**

Experimental aerodynamic investigations were conducted, during the period July 18-19, 1974, in the AEDC/VKF Tunnel A facility on a 0.01-scale model (52-0TS) of the integrated Space Shuttle Vehicle, including only one SRB. The purpose of the investigation was to obtain data for close-in proximity (SRB to Orbiter/Tank) effects with the Orbiter/Tank combination at relatively high  $\alpha$  and  $\beta$  attitudes, and with the SRB separation motors off.

The AEDC Captive Trajectory System (CTS), which supported the SRB, was used in conjunction with the tunnel primary sector (supporting the Orbiter/Tank) to obtain "grid" type separation effects data. The one symmetrical SRB model was used interchangeably to obtain both right-hand and left-hand SRB data.

Free-stream data were also obtained for the Orbiter/Tank and for the SRB. This data was used to provide baselines for proximity effects.

The entire investigation was conducted at a free-stream Mach number of 4.5 with unit Reynolds number ranging from 4.0 to 6.5 million per foot.

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BETA = $10.8$ ) (A) (B)
SEPARATING FROM O/ET (A) (B)
SEPARATING FROM O/ET (A) (B)
CHARACT SEPARATING FROM O/ET BETA = 15.7) (A) (B)
ARACT W/RIGHT SRB SEPARATING , BETA = 0) (A) (B)
SRB SEPARATING (A) (B)
SRB SEPARATING (A) (B)
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FIGURES	
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PAGES	745-780	781-832	833-900
VARYING	(B)	(8)	(8)
SCHEDULE OF VARYING COEFFICIENTS CONDITIONS	(A)	(A)	(A)
FIGURE TITLE	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = 10.2, BETA = 11.0)	0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = 10.0, BETA = 15.8)	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA =5, BETA = 15.7)
FIGURE	56	27	<b>58</b>

SCHEDULE OF COEFFICIENTS PLOTTED:

(A) = CN, CA, CLM, CY, CYN, CBL

VARYING CONDITIONS:

(8) = DALPHA, DBETA, X, Y

# NOMENCLATURE

SYMBOL	AEDC TAB DATA SYMBOL	PLOT SYMBOL	DEFINITION
δa	AILRON	AILRON	ailron deflection angle, degrees
□SRB	ALP-B	ALPHA	SRB angle of attack. ALPHA = olot symbol for SRB isolated tests only; $\alpha$ SRB = $\alpha$ O/ET + $\Delta\alpha$ for all other data sets, degrees
<b>40/T</b>	ALP-0/T	ALPHA	orbiter/tank angle of attack. All source data are presented as a function of $\alpha O/T$ except for isolated tests of the SRB; $\alpha SRB = \alpha O/ET + \Delta \alpha$ for all other data sets, degrees
₿SRB	BETA-B	BETA	SRB angle of sideslip. BETA = plot symbol for SRB isolated tests only; $\beta$ SRB = $\beta$ 0/T + $\Delta$ $\alpha$ for all other data sets, degrees
<sup>8</sup> 0/T	BETA-O/T	BETA	orbiter/tank angle of sideslip. All source data are presented as a function of $\alpha O/T$ except for isolated tests of SRB; $\alpha SRB = \alpha O/T + \Delta \alpha$ for all other data sets, degrees
⁵BF	BDFLAP	BDFLAP	body flap deflection angle, degrees
c <sub>A</sub>	CAT	CA	axial-force-coefficient (excluding base and sting/balance cavity pressure adjustments, axial-force/q_S)
C <sub>n</sub>	CLN	CYN	yawing-moment coefficient, yawing- moment/q_Sb <sub>W</sub>
CŁ	CLL	CBL	rolling-moment coefficient, rolling-moment/ $q_{\infty}Sb_{W}$
C <sub>m</sub>	СМ	CLM	pitching-moment coefficient, pitching moment/ $q_mS$ $\tilde{c}$

S PRO

# NOMENCLATURE (Continued)

SYMBOL	AEDC TAB DATA SYMBOL	PLOT SYMBOL	DEFINITION
CN	CN	CN	normal-force coefficient, normal-force/ $q_{\omega}S$
c <sub>Pb1</sub>	CPB1	СРВ1	number one orbiter base pressure coefficient, $(P_{b1} - P_{\infty})/q_{\infty}$
c <sub>Pb2</sub>	CPB2	CPB2	number two orbiter base pressure coefficient, $(P_{b2} - P_{\infty})/q_{\infty}$
CPC	CPC	CPC	sting/balance cavity pressure coefficient $(P_C - P_{\infty})/q_{\infty}$
Δα	DEL-ALP	DALPHA	parameter name for the nominal alpha difference between 0/T and SRB, degrees. ( $\Delta\alpha = \alpha_{SRB} - \alpha_{0/T}$ )
Δα	DEL-ALP	DLTALF	coefficient name for alpha difference between 0/T and SRB, degrees. ( $\Delta \alpha = \alpha + \alpha +$
Δβ	DEL-BETA	DBETA	parameter name for nominal beta difference between O/T and SRB, degrees. ( $\Delta \beta$ = $\beta$ SRB - $\beta$ O/T)
ΔΒ	DEL-BETA	DLTBTA	coefficient name for the beta difference between O/T and SRB, degrees. ( $\Delta \beta = \beta_{SRB} - \beta_{C/T}$ )
Δφ	DEL-PHI		coefficient name for the roll angle difference between $0/T$ and $SRB$ , degrees. ( $\Delta \phi = \phi SRB - \phi O/T$ )
٥e	ELEVTR	ELEVTR	elevon deflection angle, degrees
Run No.	GROUP	RUN	test run sequence number
č	L1	LREF	reference MAC, inches

# NOMENCLATURE (Continued)

SYMBOL	AEDC TAB DATA SYMBOL	PLOT SYMBOL	DEFINITION
b <sub>W</sub>	L2	BREF	reference wing span, inches
<sup>1</sup> ref	LM	LREF	reference length for non dimensional- izing the pitch and yaw center of pres- sure calculations, inches
M <sub>ex</sub> ,	МАСН	MACH	freestream Mach numbers
	NCP/L	NCP/L	non-dimensionalized center-of-pressure location in the normal-force plane, (length from model nose to center-of-pressure)/tref
$P_{b1}/P_{\infty}$	PB1/P8	PB1/P	number one base pressure ratio
P <sub>b2</sub> /P <sub>→</sub>	PB2/P8	PB2/P	number two base pressure ratio
P <sub>C</sub> /P <sub>∞</sub>	PC/P8	PC/P	sting/balance cavity pressure ratio
♦SRB	PHI-B		roll orientation of SRB in the tunnel, degrees
<b>♦</b> 0/T	PHI-O/T	RHO	roll orientation of orbiter/tank in the tunnel, degrees
Pt.	PO,PSIA	PTOTL	freestream total pressure, psia
P <sub>ee</sub>	P8,PSIA	P	freestream static pressure, psia
q	Q8,PSI	Q(rs1)	freestream dynamic pressure, psi
R/£	RE/FT	RN/L	freestream unit Reynolds number $\times 10^{-6}$ , per foot
6 <sub>r</sub>	RUDNER	RUDDER	rudder deflection angle, degrees
S <sub>W</sub>	S	SREF	reference wing area, ft <sup>2</sup>
8SB	SPDBRK	SPDBRK	speed brake flare angle, degrees

# NOMENCLATURE (Continued)

SYMBOL	AEDC TAB DATA SYMBOL	PLOT Symbol	DEFINITION
T <sub>t</sub>	TO,R	TTOTL	freestream total temperature, °R
T <sub>∞</sub>	T8,R	T	freestraam static temperatura, °R
	W		model weight, 1bs
	X		longitudinal distance from the model weight cg to the forward moment gage of the balance, inches
	XT		longitudinal distance from the balance forward moment gage to the MRC, inches
ΔΧ	X,IN.	X	longitudinal distance from SRB nose in mated position to SRB nose in displaced position, positive aft along O/ET longitudinal axis, inches
		XMRP	X station of the MRC (tank station, X <sub>T</sub> , is listed in the DATAMAN plots for the orbiter/tank combination), inches
	Y		lateral distance from the model weight cg to the centerline of the balance
	YCP/L	YCP/L	non-dimensionalized center-of-pressure location in the side-force plane, (length from model nose to center-of-pressure)/t <sub>ref</sub>
	YT		lateral distance from the balance centerline to the MRC, inches
ΔΥ	Y, IN.	Y	lateral distance from SRB nose in mated position to SRB nose in displaced position, positive along O/ET starboard axis, inches

# (J)

# NOMENCLATURE (Concluded)

SYMBOL	AEDC TAB DATA SYMBOL	PLOT SYMBOL	DEFINITION
<sup>ΔΥ</sup> c	YC,IN.	Y	<pre>same as Y above, except orbiter/tank roll is accounted for (this is the Y referred to on the DATAMAN plots), inches</pre>
		YMRP	Y station of the MRC (tank station, $Y_T$ , is listed in the DATAMAN plots for the Orbiter/Tank combination), inches
	Z		vertical distance from the model weight cg to the centerline of the balance, inches
	ZT		vertical distance from the balance centerline to the MRC, inches
۸Ζ	Z,IN.	Z	vertical distance from SRB nose in mated position to SRB nose in displaced position, positive downward along the O/ET vertical axis, inches
		ZMRP	Z station of the MRC (tank station, $Z_{T}$ , is listed in the DATAMAN plots for the Orbiter/Tank combination), inches

#### INTRODUCTION

The integrated Space Shuttle Vehicle consists of four components:

Orbiter, External Oxygen-Hydrogen Tank and two Solid Rocket Booster Motors.

During the launch sequence, at an altitude of 140,000 ft. and Mach number

4.5, the SRB's are separated from the Orbiter/Tank combination. The

objective of this test (IA87) was to determine the interacting aerodynamic forces on the various components during this phase of the launch sequence.

The data obtained is to be used for determination of separation motors sizing and placement to ensure safe separation trajectories.

Isolated data were obtained for both Orbiter/Tank combination and the SRB. The Orbiter/Tank data were obtained at the following discrete attitudes:  $\alpha = -5^{\circ}$ ,  $0^{\circ}$ ,  $10^{\circ}$  at  $\beta = 0^{\circ}$  and  $10^{\circ}$ ;  $\alpha = 0^{\circ}$  at  $\beta = 5^{\circ}$ ;  $\alpha = 0^{\circ}$  and  $10^{\circ}$  at  $\beta = 15^{\circ}$ .

Isolated SRB data were obtained for  $\alpha$  values of -5, 0, 5, 10, 15, and 20 degrees at  $\beta$  = 0 degrees.

At each of the attitudes noted above for Orbiter/Tank, right-hand SRB separation data were obtained for the following matrix of SRB attitudes and displacements with respect to the Orbiter/Tank:

$$\Delta\alpha$$
(°)  $\Delta\beta$ (°) X(in f.s.) Y(in f.s.) Z(in f.s.)  
-5, 0, 5 -8, -4, 0 0,300 10,100,200,400 -100,0,100,200,400

At each of the attitudes noted above for the Orbiter/Tank - with the exception of the three  $\beta$  = 0 degrees attitudes - left-hand SRB separation data were obtained for the following matrix of SRB attitudes and displacements with respect to the Orbiter/Tank:

 $\Delta\alpha$ (°)  $\Delta\beta$ (°) X(in f.s.) Y(in f.s.) Z(in f.s.)

-5, 0, 5 0, 4, 8 0,300 -400, -200, -100, 0 -100, 0, 100, 200, 400  $\Delta\alpha$  and  $\Delta\beta$  are in degrees and X, Y, Z are in inches full scale. Refer to

Nomenclature section and Figure 2 for definitions and schematic descriptions of the parameters.

#### CONFIGURATIONS INVESTIGATED

The 0.01-scale 52-OTS model consisted of an Orbiter, Tank and one SRB. Full scale tank protrusions and Tank-to-Orbiter attach hardware were simulated. Refer to Figure 3. Neither the tank nose lightning rod nor SRB-to-Tank attach hardware were simulated. The SRB model was symmetrical, without separation motors shrouds, and was used interchangeably for either the left-hand or right-hand booster.

The Orbiter/Tank combination was mounted on the AEDC 0.85-inch diameter 4.00-Y-36-049 six-component internal strain gage force-moment balance. The balance was located in the Orbiter model. This, in turn, was sting mounted, inverted on the tunnel primary sector.

The SRB was mounted on the AEDC 0.65-inch diameter 4.06-Y-36-020 balance. This, in turn, was mounted inverted on the CTS.

The entire test was conducted with all Orbiter control surfaces set at their null positions.

The components of each model are described below. Note that the Orbiter-to-Tank attach hardware is considered a part of the Tank model.

Orbiter  $0_1 = B_{19} C_7 E_{23} F_5 M_4 N_8 R_5 V_7 W_{107}$ 

Component	Description
B <sub>19</sub>	Fuselage per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
c <sub>7</sub>	Canopy per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
E <sub>23</sub>	Elevons per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
F <sub>5</sub>	Body flap per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
M <sub>4</sub>	Orbital maneuvering system per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
N <sub>8</sub>	OMS engine nozzles per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
R <sub>5</sub>	Rudder per Rockwell lines VL70-000139B and VL70-000095 (Model drawing SS-A01182, Release 7)
V <sub>7</sub>	Vertical tail per Rockwell lines VL70-000139B and VL70-000095 (Model drawing SS-A01182, Release 7)
W <sub>107</sub>	Wing per Rockwell lines VL70-000139B (Model drawing SS-401182, Release 7)
Tank $ET_1 = T_{20} AT_{16}$	AT <sub>17</sub> AT <sub>18</sub> FL <sub>5</sub> FL <sub>6</sub> FL <sub>9</sub> FR <sub>6</sub> PT <sub>13</sub> PT <sub>14</sub> PT <sub>20</sub>
Component	Description
T <sub>20</sub>	External oxygen-hydrogen tank per Rockwell lines VL72-000131 and VL78-000062B (Model drawing SS-A00117. Release 4)

Component	Description
<sup>AT</sup> 16	Forward orbiter/ET attach structure per Rockwell lines VL78-000062B, SK-H-4011 (Model drawing SS-A00117, Release 4)
AT <sub>17</sub>	Left rear orbiter (ET attach structure per Rockwell lines SK-H-4013 (Model drawing SS-A00117, Release 4)
AT <sub>18</sub>	Right rear orbiter/ET attach structure per Rockwell lines VL78-000062B, SK-H-4013 (Model drawing SS-A00117, Release 4)
FL <sub>5</sub>	LOX feed lines per Rockwell lines VL78-000062A (Model drawing SS-A00117, Release 4)
FL <sub>6</sub>	LH <sub>2</sub> pressure line per Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
FLg	LH <sub>2</sub> umbilical feed line with an electrical quick disconnect box between the orbiter and ET per Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
FR <sub>6</sub>	Umbilical door fairing support per Rockwell lines VL78-000062B, VL78-000050 (Model drawing SS-A00117, Release 4)
PT <sub>13</sub>	LOX recirculation line for Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
PT <sub>14</sub>	LOX pressure line per Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
<sup>PT</sup> 20	LOX pressure lines and electrical conduit located on nose cone per Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
Solid Rocket Boost	er SRBL1 = S <sub>18</sub> PS <sub>7</sub> (used as left SRB) SRBR1 = S <sub>18</sub> PS <sub>7</sub> (used as right SRB)
s <sub>18</sub>	Booster Solid Rocket Motor per Rockwell lines VL77-000066 (Model drawing SS-A01308, Release 1)
PS <sub>7</sub>	SRB ring structures at X <sub>B</sub> 1505, 1517 and 1852 per Rockwell lines VL77-000066 (Model drawing SS-A01308, Release 1)

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#### TEST FACILITY DESCRIPTION

The AEDC von Karman Facility (VKF) Tunnel A is a 40-X-40 inch, continuous, closed circuit, variable density wind tunnel with a Mach number capability of 1.5 to 6.0. Stagnation pressure ranges from a minimum of 1.5 psia at Mach 1.5 up to 200 psia maximum at Mach 6. The stagnation temperature ranges from 70 to 290°F. The tunnel throat has flexible top and bottom walls which are moved automatically by electrically driven screw jacks. Refer to Figure 2c. A detailed description of the facility may be found in the Test Facilities Handbook\*.

#### DATA REDUCTION

Six component force and moment data were obtained for the Orbiter/
Tank combination (R data) and for the one symmetrical booster model (A
data). In addition, for the Orbiter/Tank combination, two base and one
sting/balance cavity pressure were recorded. These pressures were located
at the base of the Orbiter. The booster had only one cavity pressure.

All force and moment data were reduced to coefficient form in the body-axis system using standard AEDC data reduction procedures. No base or cavity pressure force adjustments were made to the force and moment data.

The following array depicts the reference dimensions to which the aerodynamic coefficients are applicable.

### DATA REDUCTION (Concluded)

DATA REF SET DIM	ATU001 through ATU311	RTU001 through RTU314
SREF	2690 sq. ft.	2690 sq. ft.
LREF	1290.3 in.	1290.3 in.
BREF	1290.3 in.	1290.3 in.
XMRP	1258.5 in. XS	1097.0 in. XT
YMRP	0.0 in YS	0.0 in. YT
ZMRP	400.0 in. ZS	450.0 in. ZT
SCALE	.01	.01

All calculated angles and displacements included corrections for sting/balance deflections in the normal and side force planes. In addition the Y (lateral) displacement was adjusted for the lateral deflection of the Tank due to roll about the Orbiter/Tank balance. The actual roll angle was very small; however, the lateral displacement affected by the roll was significant.

<sup>\* &</sup>lt;u>Test Facilities Handbook</u> (Ninth Edition) von Karman Gas Dynamics Facility, Vol. 3, Arnold Engineering Development Center, July 1971.

TEST :	IA87			DATE : POST TEST
		TEST CON	IDITIONS	
MACH NUMBER	RUN R NUMBER	REYNOLDS NUMBER (per foot x 10 <sup>-6</sup> )	STAGNATION PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
4.52		6.48	100.5	116
$\overline{}$	97-457	5.86	90.2	114
	458-615	5.92	91.2	114
	615-670	6.03	91.2	107
	671-919	4.01	60.4	106
				-
				<del></del>
				+
RAL	ANCE UTILIZED:	1 ORBITER/TANK: A 2 SRB: A	AEDC 0.85-INCH DIA. AEDC 0.65-INCH DIA.	4.00-Y-36-049 4.06-Y-36-020
Un L	ANGE GITELES.	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
	NF	1000 1 00		
	SF	±200 80		
	AF		<u> </u>	
	PM			
	RM			
	YM	±310 120		
COL	MMENTS:			
	FORC	CES IN LBS.; MOMEN	TS IN IN-LES.	
l				

TABLE II.

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ഥ	EST: 24	1487					DATA	SET	RUN		3ER (	20.1	ATION	SET /RUN NUMBER COLLATION SUMMARY	ARY	لت	DATE	DATE: POST TEST	T 185	F		
Ш					12,0																	T
느	DATA SET	-			ŠČ			AETER	RAMETERS/VALUES		ò è	MAM	MACH NUMBERS		I OR AL	TERNA	TE INDE	ALTERNATE INDEPENDENT	2 < A P	VARIABLE		
Ξ	DENTIFIER		CONFIGURATION	2	B	18	° Oby	Read	ms4		RUNS	7α	40	$\Delta \chi$	AK	207	100	200	100			
كا	100-nL	23/6	T. SRBAI		4.0	00	3	2007				0.0	0.0	0	4	2	•	~				
	- 002	L	1		-									300		٦	7	7	40			
1	-003		-									5.0		-		2/	1	9	٥			
	p00-													0	-	13.	14	12/	9/			
<u></u>	Sas						-		<del>                                     </del>		_	-5.0			8	20	6/	81	17			
<u> </u>	100-								-			_	-	300		77	22	23	52			TE
	-0.7								<del>                                     </del>			0.0	-4.0	0	प		27	22	25			STF
1	827											>-		300	<b>-</b>		8	56	200			UN
18	623-											5.0					33	32	3/			NUM
<u> </u>	013.							_				-		0	-		34	35	36			BER
	. 011				_			_				-5.0			•0		39	38	37			5
	. 0.12						-					-	->-	300			40	41	45			
	.0/3		-									0.0	-8.0	0	A			44	43			
	·04											- 4-		300				4.5	9,6			
	200-		-									5.0		-				8%	47			
1	- 26											- <b>^</b>		0	-			5/2	3			بيت
Ļ	-07											-5.0			8			25	25			
	1 .018		-		-	+	~	-				7	-/2-	300	-			23	25			
		,	13	2		7	25		31		2		63	\$		\$\$		19		5		3, 2,
_1	L KSI	1.CA	H-12.11	-X-Si	Z	1	NXST	N	4	1	ليات	ALE E	Trigo	ALTALEBULIBIETAL	×	4	1	4			];	7
-	0	•	AZ) A = -100, C, 100	-/01	7	23/	200	1,400		27	2012	1,00	,0 ,00	COEFFICENTS CT 400,200,100,0,-100				2		W		
	SCHEDULES	JLES	8:	773	200	200	900	6	-40	25,39	200,100,0	2,0										
14	NOTES: 1) 4X,	AX,AY	Y AND AR	XX	5	ž.	THEKES	FULL	SCAL	Ų.												

2) ALL CRBITER CONTROL SURFACES SET AT O-DECKTE DEFLIC CTION. 3) CARESPANDING SKB DATHSETS ARE ATU-XXX

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DATA SET CONFIGURATION  IDENTIFIER CONFIGURATION  - 020  - 022  - 022	SCHD. P.	ጉ ር ር		2	- 70	STE S		2	=	DATE	Pos	DATE: POST TEST	
000	, FO		AIR SEIZHON NOMBER COLLATION SUMMAKE	K J G M O	י רשבר	. A 1 IOF	NE SCHOOL	AK					
0/0	9	ARANE	ARAMETERS/VALUE	ES NO.	MAI	MACH NUMBERS	BERS (	OR ALT	ALTERNATE	TE INDE	INDEPENDENT	NT VARIABLE	_
0,/67,	ŀ	18 B	Per Fra	RUNS	44	4/3	ZZ	27	-07	00/-	202	00/1-	
229 -	0.400	4.52 100.5	3.5		0.0	0.0	0	A			25	35	
550 -						-	300		90	61	29	63	
- 623	-				5.0		-		67	99	29	79	
- 623							0		68	69	2	12	
					-5.0	-		0		7.4	73	22	
-024					-	,	38	v	75	26	65	38	
- (25					0.0	4.0	0	7		130	80	79	
222-							38		-	28	83	48	
. 627					5.0		-	-		28	86	85	NU
٠ ريد							0	-		22	68	90	
- 023					-5.0			8,100		93*	92	16	
-030					-		300	U		46	25	26	
- 631		90.2	4		0.0	8.0	0	4			86	64	
- 032						 	300		<b>†</b>		66	100	
- 623					5.0		-		†		102	101	
P80					-		0	,			<del> </del>	104	
. 035					-5.0			8,0	-		100.	105	
.0%	1					-	300	2			107	108	
7 13 19	25		31	37		43	49		\$5		9	6	75.76
**************	41444	}	متيل	1111	1 1 1 1		1 1 1					-	-
0 00 B 27/4=-100,C.	100 Jec.	400	COEFFICENTS		0-100		10 B= 0,100,700,400 or 400	2,700.	400	3 75	1≥ .	AR (1) 10VAR (2)	70N (2) 2
SCHEDULES C= 100, 200,	400 m	500,	200,100		<b>,</b>		D= 20C	400	7	er 400,200	ı	1	

TABLE II. - Continued

DATA SET /RUN NUMBER COLLATION SUMMARY  SCHO. PARAMETERS/VALUES NO. MACH NUMBERS 1 OR A  T. SKOR! 5.7 O.0 4.52 9.02  T. SKOR! 5.7 O.0 6.00  T. SKOR! 5.7	MBER Nor.	COLLAT	NOS NOS	MARY	_			インジャイング	
SCHD.					J				
• 6		MACH	MACH NUMBERS	9	ALTERNATE INDEPENDENT	E INDE	PENDE	AT VARIABLE	
Stær! 5.7 0.0 4.35		10 AB	8 4x	42	100	00/	200	000	
		0.0	0.0	A	2//	111	110	601	
			300		1/3	114	112	1/6	
		5.0			120	611	8//	11.7	
		- \$	0	*	12%	172	123	121	
		-5.0		80		127	92/	22/	
		-	300	v	22/	621	/30	/3/	
		0.0 - 4	0 0%	¥		132			EST
			300	7		133	134	185	RUN
		5.0				138	/37	/36	NU
			0	-		<del>†</del>	100	141	MBE
		-5.0	300	U		<del>                                     </del>	142	143	AS
		0.0 - 8.0	0	7.00		-	18.00	145	
		5.0	-	4	-		147	941	
			0				841	149	
		- 5.0		U			151	150	
		<b>+</b>	300	-				/53	
		0.0 - 4.0	0	4		156	153	154	
+ + + +			300	-		157	128/	159	
13 19 25 31	7.6	43	49		\$\$	9	61	67	75.76
	4	4444	4444		4	1111	3	1111	
42)A = -100, 0, 100, 200, 400 or 440, 200, 100, 0	. 190.0	1 180	8×0,	0 2 0,100, 200, 400, pr 400.	,400	مد برد	10VAR (1)	9 (1) IDVAR (2)	VON (5)
C= 140, 200, 400 or 400, 200, 100		L i	E= -4	E= -100,0,100 or	00 00		100,0,-100		

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TABLE II. - Cortinued

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	86.6.1																					-	IDVAR (2)		
res <sub>T</sub>	ALTERNATE INDEPENDENT VARIABLE	400	99	165	99)	121	72/	175	22/	179	180	/83									6	1	=		
DATE: 8257 7557	ENDEN	266	/9/	164	167	120	/73	124	177	.84.1	/3/	182									-5	4	IDVAR (1)		
SATE:	TE INDE	/ده	162	/63	89/	691																4	İ		
	TERNA	185				,											_				58	4	:		
MARY		47	Ą		v	-	4			•	U				<u> </u>		-		-		\$	1			
N SUM	MACH NUMBERS ( OR	AX	300	0		300	0	300		0	-	300	<b>_</b>				_	-				Lara	100		
LATIO	ACH NU	48			0	-	0-80		0		5.0				_		-	-			6	1	100.0100		
TA SET/RUN NUMBER COLLATION SUMMARY	L	BUNS AK	5.0		-5.0		0.0	-	5.		.5			-		-	<u> </u>	1		_		4 4 4			
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r/RUN	RAMETERS/VALUES	Ra psir																			=	111	Ì	L	
TA SE	RAMET	1 200										-		-	-	-	+-	-	+	-			000	1	
Agr DA	مّا	2	0													$\perp$			<u>:</u>		, a				
	1	8	5.7				=								+		+	+	+-		┪.		8	78.00	
		CONFIGURATION	T. SRBRI	*				-				•									3		AZ) 4 100 0 100		
1361			3 O. C.	+-	7	96	6.	ic	3	2	63	7-1			+	-	-			-	-		1	8 OB 8	として こうしょう
TEST:		IDENTIF:ER	RTU-053	251	150.	850-	- 059	-660	190	190-	- 663	1-064							1					8	SCHEDOLES

TABLE II. - Continued

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Para Set   Para Set / Run Number Collation Summary   Date : 1651   165																			
CONFIGURATION SCAPE ARABETERS VALUES NO. MACH HUMBERS 1 OR ALTERNATE INCEPTROLITY VARIABLE 1  C) (FT.) SRER! MS 0 4.28 9.02  CC CC C C C C C C C C C C C C C C C	TEST: 工	487			۹	TA SE	T/RUN	NON -	BER	COLL	ATION	SUMM	ARY		DATE:	181	137		
CONFIGURATION    CONFIGURATION				ae															T
Color   Colo	DATA SET			SCH	à	RAMET	FRSVA	4	Ö, S	MAC	H NUM	BERS (	OR AL	FERNA	30NI 3	PENDE	ZA CAR	ABLE )	
O   FT, SRBR    May 0 4:58 902   0:0 0.0 0   4   172   176   185   175	IDENTIFIER		IGURA TION		Y	8	o Prois				46	×Ψ		**		$\overline{}$	000	1	7
100   13   15   15   15   15   15   15   15	Rru-cus	0,/65,	SRBRI		3	76 83	*			0.0	0.0	0	7	22/	187	781	28		T
So	-046				_							300		187	190	181	745		<i>"</i> —
42)A=-100,0100,0100 or 400,0100	-04.7					-				5.0		-		761	195	194	173		- T
42) A=-100, 0100, 200, 200, 200, 201, 202, 202,	810-					_			Γ	-		0	•	197.	361	661	200		
42) A = -100 C   C   C   C   C   C   C   C   C   C	-523									-5.0		-	v	204	203	202	102		
4\(\frac{1}{2}\)\tag{2.5}  \text{4.5}\)\tag{2.5}  \text{4.5}\]\tag{2.5}   \text{4.5}\]\tag{2.5}   \text{4.5}\]\tag{2.5}   \text{4.5}\]\tag{2.5}     \text{4.5}\]\tag{2.5}  \q	000-				-	-						38		205	202	207	802		TE
42) Az - Los Oleo, 200 400 500 600 600 600 600 600 600 600 600 6	10-					_				0.0			7		711	0/2	602		ST
10   10   10   10   10   10   10   10	K)-				-	-						300			212	2/3	412		RUN
45) A = -1000   10	-0:				-	_				5.0					217	212	215		NUM
1	-674					-						O	-		812	612	220		ÓE A
7. 19 25 36.   224 725 726   227 726   228 727   228 727   228 728   229   229 725 728   229   229 728 728   229   229 728   229   2	57.					-						-	J		223	222	721		s
7 19 20 4 278 227 230	.076					-						0			722	722	328		
7. 19 23 31 37 43 61 657  42) A=-/80,0,/80,200,400 a=-400,200,/200,000  1. 19 23 31 37 43 49 55 61 67  1. 19 23 31 37 43 49 55 61 67  1. 19 23 31 37 43 49 55 61 67  1. 10 24: 400 200,400 a=-400,200,600,000  1. 10 24: 400 200,600  1. 10 24: 400 200,600  1. 10 25: 400 200,600  1. 10 25: 400 200,600  1. 10 25: 400 200,600  1. 10 25: 400 200,600  1. 10 25: 400 200,600  1. 10 200 200 200 200  1. 10 200 200 200  1. 10 200	.67				-	-				0.0	١١	0	A			328	227		7
1. 19 25 23/ 1. 19 25 31 37 43 49 55 61 67 1. 19 20. 400. 200. (20, 0, -100)	8/3-											300				229	230		
13 23 234	.079					-				5.0						282	787		
11 19 25 31 37 43 49 55 61 67 COEFFICENTS  42) A=-/60,0,(00,200,400,00,100)  (=/60,200,400,00,100)	-0:0					-						0	-			233	234		7
1, 19 25 31 49 49 55 61 67  1, 19 25 31 37 49 55 61 67  COEFFICENTS  (= 100,240,400,400,400,700,100	180												v			236	235	-	_
1) 19 25 31 37 43 49 55 61 67  COEFFICENTS  (= 100,0,100,200,400,00,100,100,100,100	1					>-					1	300	-			$\neg$	235		4
42) A = -/00,0/00,200,400 pr 400,200,100,000		,			52		16		3		13	6		55		-5		22	× 5.
42) A = -100, 0, 100, 200, 400 or 400, 100, 100, 100 C = 100, 340; 400 or 400, 700, 100	100110	****	1	}	4	4	7	4	4		4	4	1	4	4	4	1	4444	4
(= 100 24: Uno n- U00		,	AZ) 4= - /40	Ì	8	5		EFFIC.	ENTS		9,1	0				20	3	IDVAR (2)	> 0 z
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MOTES: 1 DX, AY AND DE ME IN DACKE PULSCULA

A ALL D'BITCH CONTRE, SIND-DEES SET AT 0-DEEC DERECTION

SINDESPINANTES DATES SINDER ATU-XXX

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TABLE II. - Continued

CONTINUES   CONT	2 2			•	***													
19   19   19   19   19   19   19   19			K	Т	¥!¥	ドニズ	₹ 8	MBE	200	LATIO	MIN N	MARY		UAIE	502			
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100   100		Z 0	0	_	7.6				K	NO.	SE SE	I OR AL	TERNA	TE IND	FENDE		ABLE)	
- 654 - 675	ンジン		L	3	_	_	1	Ž	٧.	4	-	**	2	28)	502	12		
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- 967 - 967 - 967 - 967 - 968	-016			$\dashv$	$\dashv$	-			•		0		752.		1.52	15.2	-	Τ
- 057  - 075  - 076  -	-087		1 -	-	_	-					- •	v	155		_	2(6	-	T
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090  -091  -093  -	-049			-					0.0	'	L	4		265	1.	777	-	
-012 -013 -014 -015 -015 -015 -015 -015 -015 -015 -015	040		-		$\dashv$						300			1	<del> </del>	572		
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- C94 - C95 - C96	No		+	+					. 2	-	300	~		+	+	/82	_	T
- CO	200		+	-					0.0		0	4		+	+-	782		T
- 100 T	2/2			-							306				+	582		7
- 10° 7	.6.3								5.0		-				<del>†                                     </del>	782		Τ-
- 100 F 7 1 1 1 1 1 1 1 2 1 2 2 2 2 2 2 2 2 2 2	w	The second secon	+		-					,	0	-	† ··· ·		+	6.3	-	
7 13 19 25 31 37 43 49 55 61 67 67 67 67 67 67 67 67 67 67 67 67 67				<del></del>					-5.0	-		U	<b>† -</b>		1	296	-	T
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CHEQUES (* 100,50,700,400,400,700,700,000,700,000,700,000,700,7	13	2		2		=		1		13	Ş		\$\$					<b>→</b> ?
CHEDULES CE PERSON HOUSES CE PERSON OF THE CONTROL CON	Lectonorde	1	1	1	}	1	1	}	1	1	4	1						Ŀ
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	CHEDULES CANADA			9	. 11	71	0773	v	ì	•								•

TABLE II. - Continued

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CONTIGUES   CONT												1				
CONFIGURATION CO		187	į	DAT	A SET/RUN NI	JMBER	COLL	ATION	SUMM	\RY	21	AIL	12	1657		
CONFIGURATION OF STATE OF STAT			733	_	METERS//ALLE		MAC	H NUM	1-		ERNAT	E INDE	PENDER	T VARIA	.BLE )	
O ET, SPB11	DATA SET			_	108 T 25 is		14	46	AX	N	-3%-	$\mathbf{n}$	-	000		
2.0   199 200 301 302 304 203	801 101	0 /cr (08)	4.0	5			0.0	0.0	0		298	297	296	562		
5.0	121-111			-					300	<u>.</u>	199	300	301	302		
7 13 19 250 460 5 . Very Reservice (Control of the control of the	77/			-			5,0				306	305	304	303		
4 1 200 4 313 312 317 318 318 317 318 318 317 318 318 317 318 318 317 318 318 317 318 318 318 318 318 318 318 318 318 318	50,-			-				-	0	-	307.	308	309	9/0		
13 19 25 31 37 460 6 4 315 316 317 318 318 319 318 318 318 318 318 318 318 318 318 318	20/-						-5,0			2	314	3/3	312	311		
4 1 0 0 4 327 322 324 327 322 327 327	201-			-			-	-	300		3/5	316	3/7	318		TE
10	90/-			-			0,0	1	S	4		32/	320	319		ST F
42 A CCC, OLOGO, 200, 400, 200, 00, - COC.  13 13 13 13 13 13 13 13 13 13 13 13 13 1	191-	-						ļ	300	_		322	323	324		NUN
13 19 25 31 37 43 49 55 61 67 7 846 12 10 NAR(1) 10 NAR(2) 10 NAR(	8/-	-		+			5.0					327	328	326		NUM
13 19 25 31 37 43 49 55 51 10 A 132 32 32 32 32 32 32 32 32 32 32 32 32 3	20/-			-					0	~		328	319	330		BER
336 337 0.0 8.0 0 A 338 337 339 340 5.0 7 342 341 5.0 7 6 342 341 7 7 300 7 7 348 344 7 7 300 7 7 348 344 13 19 25 31 37 43 49 555 61 67 13 19 25 31 37 43 49 555 61 67 13 19 25 31 37 43 49 555 61 67 14 7 7 7 348 344	211 -			-					-	U		333	332	33/		5
13 19 25 31 37 43 49 55 61 67 10vAR(2)  42) 43-160, 400, 200, 400, 7, 100  C = 100, 200, 400, 200, 100  C = 100, 200, 400, 500, 100  C = 100, 500, 400  C = 100, 500									300			334	335	356		T
13 19 25 31 37 43 49 55 61 67 7 348 (2) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							0.0	8.0	1	T			338	337		
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13 19 25 31 37 43 49 55 61 67 7 348 11 12 12 12 12 12 12 12 12 12 12 12 12													342	341		
13 19 25 31 37 43 49 55 61 67 7 348 7 348 11 11 11 11 11 11 11 11 11 11 11 11 11	-115								0				343	344		
13 19 25 31 37 43 49 55 61 67 7 7 348 13 13 14 1-10. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	211			ļ						V			346	345		
13 19 25 31 37 43 49 55 61 67 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sil		<del>\</del>	-	3			,	300				347	348	-	4
4. 4 100, 0, 100, 200, 400 or 400, 200, 100 or - 100 C = 100, 200, 400 or 400, 200, 100		7 13		\$	31	37		43	\$		55		19		67	75.76
Coefficents  (12) A: -(00,0,00,20c,400 or 400,200,00,0,-100  (2:100,200,400 or 400,200,100					*****	414	4	1	4	1	4	1	4		4	-
C=100,200,400 - 400,200,100						FICENT	s (00	0	ړ				ğ		10VAR (2)	2
	10 <b>5</b>	AK C	200.	ไฟ	400,200	03/	Ì									
	20 45	AL COSTER CONTEN		ישמפיצ	SUFFICES SOFTER OF DEATH AFTICION	以北	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EC 1701	_							

1) DX, DY AND DE ME IN INCHES FORLSCALE

3) ALL COBSINER CONTROL SURFALES SET OF O-DECINE DEFICETION

3) CORRESPONCE SARE DATASETS AND ATU-XXX

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TABLE II. Continued

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TEST: I	1487				9	ATA SE	SET/RUN NUMBER COLL ATION SIMMARY	NUME	3ER C	TO	NOL	SHAM	ARY		DATE	. Post	Post test	2	
			·	der	Ч									J					
DATA SET		CONF	CONFIGURATION	SCHD.	٩.	RAMET	ARAMETERS/VALUES		NO.	MAC	MACH NUMBERS	<b>!</b> - !	OR ALT	ALTERNATE	BUN 3	INDEPENDENT	9	VARIABLE !	
IDENTIFIER	]			0	B Mas	8	- Bin		-	Δ×	48	ΔX	42	- 20/	00/	20	1000	_	-
Bu - 119	0,/67,	- 4	SRBRI	0,510.9		4.52 90.2	4			6.2	0.0	0	A	352	35/	350	648	-	<u> </u>
-120	`.											300		353	35.1	355	356		
-12/	_								-/	5.2		->-		360	359	358	357		
-121										Ъ-		0		36/ .	362	363	364		
-123									7	4.9		·	7	898	367	208	398		
-124		Ī										300		369	370	37/	372		71
- (25										0.2 -	4.0	0	V		375	374	373		EST
721 .				-								300			376	377	378		RUH
-127									-,	5.2					381	380	379		NUI
321 .										5		0			382	383	786		MBEI
-129									5-	67			U		387	38.6	385		RS.
-130												300	-		388	389	390		_
. /31									J	0.2 -	8.0	0	4			392	391		Γ
. 133										3-		300				393	394		ļ —
-133									,,	5.2						<b></b> -	395		
-134									-			0	-			39.7	398		
. 135									4-	4.9			C			400	399		
136					- <del></del>	-				-	- 2	300				401	70%		
7			13 19		25		31	37		43		49		55	J	61	9	67	75 76
41111	1	7	*****	1	4	1	4444	4	4	=	4	4	1	1	1111	1	1 1		
80	8	14	12, A= -100,0,100,7	0	32.2	200. 90	COE	COEFFICENTS	11	701-100	<u> </u>	į.				IDVAR	(I) R	IDVAR (2)	<b>ND N</b>
SCHEDULES	LES	•	27, 27	200	1400	100	2/20%	00/100	1										1
111111111111111111111111111111111111111	ļ																		

MOTES: U. DX, AY AND DE HEE JN IMMES FULLSCALE.

SPALL PUBLICA CONTROL SURFACES SET AT 0-DEWINE DEMECTION

SCORRESPONDING SPR DATASETS ARE ATU. - XXX

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TABLE II. Continued

FET CONFIGURATION OF B  TO / ET, SRSL/ -6.5/0.9  9	DATA SET/RUN NUMBER COLLATION SUMMARY	NUMBER	COLLATI	MAIN NO	ARY	<u>2</u>	DAIE.	1	POST 1037	
	-					)				
	+	_								
	RAMETER	LUES OF	MACH	MACH NUMBERS (		ALTERNATE INDEPENDENT	INDE	ENDER	T VARIABL	- 1
	B Mas Pero + Pria	RUNS	DX DB	Α×	4 5 4	-600	-100	-100	28%-	
	2		0.2 0.	0	A	1.54	40%	405	tot	
				300		30%	409	410	,1/4	
			5.2			415	414	4/3	214	
				C	-		417	816	dità	
			6:4-		د	423	224	124	420	
			a a	300	4	424	425	126	427	
			0.2 4.0	0 0	A		430	429	428	
				350			431	735	433	
		,	5.2				436	435	434	
				Ç	-		137	438	439	
			67-	<u>}</u>	vi		4+2	144	ohh	
			-	300	r <b>p</b>		443	hhh	445	
			0.2 8.0	0	4			447	944	
				300				844	644	
			5.2					154	25%	
			- <b>3</b> -	0	•			725	453	
			6.4-		2			777	454	
	, , , , , , , , , , , , , , , , , , ,			300	<b>&gt;</b>			256	427	
13 19	25 31	37	43	67		55		19	67	75.76
**********		OFFER CENTS	-	متياميم	1	4	1	A A A A	- - - - - - - - - - -	DVAR (2) NDV
JE A = -100, 6, 100, 200	410		<u>200, 100, C, =100</u>	331 (3			i i			
	1707 :0	20 (23								

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			-						7	EST	RUN	70	MBE	RS								75.76		> N	1
253		VARIABLE )	000	458	465	466	473	b/h	12	482	7	Ço	7	7	6.	0	~	*	7	مخ		63		) +0VAR (2)	
DATE: POST TECT	3	VDENT	₩	<del>                                     </del>	-	+	┿	+	184 0	<del></del>	+-	_	+	+	66/ 8	—			6 507	805 6	1150			DVAR (1)	
E: 6		INDEPENDENT	200	_	3 464	+	11 472				28% 5		<del> </del>	+	<del>                                     </del>	201	502	505	506	509	570	5		l <sup>u</sup>	
Ad		NATE !	100		<del>                                     </del>	<del> </del> -	<b>†</b>		+	+	53/	264	165	765	164										
,	_	I OR ALTERNATE	× 188		462	469	0.7	1	478		-	-	_									55	-		
DATA SET/BIN NIMBED COLLATION SHAMADS	MMAK		ギヤーメ	A	0			U	0	4	0		-	U		V				U	<b>b</b>	49		6	
1 2	טע אטן	MACH NUMBERS	3 DX	0.0	300		0	-	300	4.0	300		0		300	0	300	<b>,-</b> -	0		300		1 1 1	10/-	
		WACH N	148			2		A		ş		- 2			<b>-</b>	2 - 8:0		21			· Þ	43	1,1		
ED (0) 1 A1	בא בא		RUNS DO	0.7		5.5		-4.8		0.2	>	5.2		-4.8		0.2		5,2		8.h-	_		1 1 1	OEFFICENTS	Ì
M		JES NO.	€																_			37		FICENT	200,100
N NIIO/ L		S/VAL	27.50			-							_				_		-	-	$\dashv$	İ	j	()	
A SET		PARAMETERS/VALUES	Me Rost	4.52 91.2			٠ _														<b>→</b>	3.	7	700,400	or 400
		-	-																		>	25	4		000
	13/0	**	8	5.9 108																	1		4	0,100	0,100,400
		NOI		2						,										1		61	4444	12) A = -100,0	100/=
		CONFIGURATION		T. SPBRI				-						_	_				1	1	-	5	4	42/4	,
130I		ō C C	1	0/67																			1	9	
		DATA SET		ATU-155	25/-	157	85/	:153	:1/6	12.	79/-	./43	164	-/65	79/-	. /67	./6.5	62/	170	17	71/-	,	4	808	SCHEDULES
TEST		۸ <u>د</u>		È	_	_ -													1	-	4		1		S

Continued TAR! F 11

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LLATION SUMMARY  AACH NUMBERS (OR ALTERNA  AACH NUMBERS (OR ALTERNA  AACH NUMBERS (OR ALTERNA  BACH NUMBERS (OR ALTERNA  BACH NUMBERS (OR ALTERNA  BACH AACH AACH  BACH AACH  BA	COUNTY CET AND ATAC									
Configuration Schol Parameters/Values No. Mach numbers (OR)  Col ET. SABLI STREET STREET No. SCHOL ALB ALL ALB	Š	SER COLL	ATION TY	SUMMAR	<u>⊁</u>	DATE		1057 TEST		
Configuration a 8 Months of Act Act Act Act Act Act Act Act Act Act	13/0	0								1
C./ET., SABL/ 579 to 2 0.0 0.0 4 5.16  1 300 0 4 5.16  1 300 0 77  5.2 1 524  1 527  1 528  1 1 20 1 532  1 1 1 20 1 532  1 1 1 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a B Mo Par Pote	A	8/7	5		A LE IND	E PENDE	A HIN	BLE !	-
7.77 5.2	216 25 + 820 655	1	╅╤	4	1	5/5	_	5/3	-	7
5.2       i       5.2       i       5.24         4.8       i       i       j       i       5.35         4.8       i       j       i       j       i       i       i       j       i       j       i       j       i       j       i       j       i       j				300	517	2/8	<b></b>	520	-	T
4.8 4 5.5 5.32 5.2 4.0 5.4 5.33 6.4 5.33 6.4 5.33 6.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5		5.2			25	523	525	125	-	1
4,8       4,6       53         4,1       300       4,53         6,2       4,0       6,4         5,2       4,6       6,6         4,1       6,7       4,6         5,2       4,6       6,7         6,1       6,7       7,7         7,2       7,6       7,7         8,0       7,7       7,7         8,0       7,7       7,7         8,0       7,7       7,7         8,0       7,7       7,7         8,0       7,7       7,7         8,0       7,7       7,7         8,0       7,7       7,7         8,0       7,7       7,7         8,0       7,7       7,7         8,0       7,7       7,7         8,0       8,0       7,7         8,0       1,7       1,7         8,0       1,7       1,7         8,0       1,7       1,7         8,0       1,7       1,7         8,0       1,7       1,7         8,0       1,7       1,7         8,0       1,7       1,7         8,0       1,7       1				0	525	5. 5.26	527	228		
1 1 300 1 533  0.2 4.0 C 4  1 5.0 C 4  5.2 C 7  5.2 C 7  6.2 C 7  7.2 C 7  7.2 C 7  7.3 C 7  7.4 C 7		84-		-		53/	530	529		
6.2 4.0 c 5.2 + 5.0 c 5.2 + 5.0 c 4 + 7 300 4 + 7 300 6 0 0.2 8.0 0 6 0 0.2 8.0 0 7 0 0.2 8.0 0 7 0 0.2 8.0 0 8 0 0 0.2 8.0 0		•		300	533	234	335	536		
5.2		0.2	4.0		_		525	337		231
5.2		-		300			539	540		NUN
1   300   1   1   300   0   1   1   300   0   2.2   3.00   1   1   3.00		5.2			 		545	145		NUI
1 84- 0 2 8.0 0 8.0 0 8.0 0 8.0 1 2.5 1 2.0 1 2.0		-		0			543	hhs		MBE
1 1 300 0.2 8:0 0 1 300 1 5.2 4 0 1		8.4-		<b>0</b>			345	345		15
0 8:0 0 1 300 1 5.2 +			-	300			1747	2465		
008 + 300		0.2	8.0				255	549		,
0 7.5				300			13.	525		<del></del>
0 - 87-		5.2					455	555		_
80.7-				1 0			222	516		
		8:4-		2 1			255	257		
-190 1	1 1 4 4 4	•		1 000			555	560		
7 13 19 25 31 37 43 49 55	19 25 31		67	49	55		19	67		75 76
, , , , , , , , , , , , , , , , , , ,	4	11111		1111	111	1111	1 1 1	1 1	* * * *	
a OR 8 42 4= -100,0,100, 200, 400 or 400, 200,100,0,-100	A= -100,0,100, 200, 400	75 Zoc,/Co	0,0,-10	Ş			<b>4</b> ∧0:	DVAR (1) 10	DVAR (2)	20 %
s ( = 100,200, 400 or 40	C = 100,200, 400 or 40	0								

VITES: 1 AX AX AND DE ALE IN INCHES PULSCALE S) ALL ORDITOR CONTROL SUCKRES ARE SET AT 0-DEREE DEFLECTION S) CARESTONNIAS SEB DATASETS ARE ATU-XXX

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				L	1		7	7	· ·	7	EST	RUN	NU	MBE	RS	<del>-</del>		~~·					\$ 20 20		^Q≥		
			-	_				_			_			_									,		(2)		
•	7		VARIABLE	_		_		-															5		IDVAR		
	DATE: POST TEST			199	ì	8	62	70	ć	785	المع	290	37/	36	797	602	603	3	607	670	119	419			ه (ت		
	à		PENDE	200	2	72	27	2	17	283	256	23.9	592	5	23.5	107	604	605	605	623	2/9	1	19		ibvai		V
	DATE		TE IND	100	12.3	725	2	75	<b>6</b> C		187	285	593	35	655	007								1			
			OR ALTERNATE INDEPENDENT	200	25	525	272	573.574	580	125								-					55	1			
	ARY		OR AL	オマ	ł		$\prod$		U	-	8				U	-	4			A	U	- 7>					
	ATA SET/RUN NUMBER COLLATION SUMMARY			AX	0	300	->	0		38	0	300	-	0	-	300	0	300	-	0		300	3	4	g		<u>}</u>
70	ATION		MACH NUMBERS	26	0.0		<u> </u>	<del> </del>	-	_	1.4-			-			130	1.				•		1	100,0,-100		DEFLECTION
Continued	COLL		MAC	ZX ZX	0.0	_	5.7		4.9	_	0.7		5.1	_	4.9		0.1		5.1		4.9		43	4	100,		
- Co	ABER		0 0	RUNS											1	-					4,	$\dashv$	33	4	ENTS .		- 0- 12840EC
Ξ.	IN NO		ALUES																			$\exists$		1	OF FICENTS	100	TO T
TABLE	ET/RL		RAMETERS/VALUES	24	~																		ā	4	00 207	7 23	474-XXX
				10 Ke- pice	S 71.2			-				-								-		2		1	13	11.0	42
	der	-	ġ	8	10.211.04														-				×	1		140	SURFACES MINSELF A
}		7	3	-	10.					-		••••								-		3		1	0'00,-	TO THOMES FALLS	SUTHER A
I			TION		126																		2	1	A = -1	100 m	
			CONFIGURATION		SRBRI						•		-					.					5	1	TEP	~,,,	1 21 K
	683		CONF	+	0,157,			!																1	•		CORESPONDATO
ļ	1487		E 1	+		25	13	1/4	13	3%	77	2	óé	0	<u></u>	2	30	<u> </u>	Ş	2	7	8		4	<b>Q</b>	A KE	
	EST:		ORIA SET		Kru-191	-152	-193	161-	-127-	961-	-(92	861-	66)	-200	12	102-	× ×	+02-	52-	702-	101-	28		1	80	N S	N. W.
L	ĒU	L	- 0	Ľ	8		$\Box$	7										1	+	_	1	-		}		Nones	

MACH NUMBERS I OR ALTERNATE INDEPENDENT VARIABLE I  4 4/3 4/2 4/2 4/2 4/2 6/2 6/2 6/2 6/2 6/2 6/2 6/2 6/2 6/2 6	35 1 OR ALTERNATE INDEPENDENT VARIABLE I  3. 42 - 40 - 200 - 200  3. 4 620 619 618 647 *  3. 628 627 624 625  3. 628 635 634 633  3. 629 636 637 640  3. 649 648 647  3. 649 648 647  3. 640 653  3. 640 653  3. 640 653  3. 640 653  3. 640 653  3. 640 653  4. 650 657	35 1 OR ALTERNATE INDEPENDENT VARIABLE I  3. 42 - 40 - 200 - 200  4 620 619 618 647 *  5 626 625 624 625  5 626 635 634 635  5 636 635 634 635  6 636 635 634 635  7 629 636 637 640  8 649 648 647  6 649 647  6 640 659  7 626 657  8 640 660  8 640 660  9 660 650  9 660 650  1 1111111111111111111111111111111111	ACK AZ - 100 - 120	DATA SET/RUN NUMBER COLLATION SUMMARY
	25 91.2  27 1.2 1.0 1.0 0 4 620 619 618 6467 #  28 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Max   Fart   Runs   Ax   Ax   Ax   Ax   Ax   Ax   Ax   A	28 91.2   1.0	
91.2       0.1 - 0.1       0       4       620       619       618       646       618       646       618       625       623       625       627       625       627 <t< th=""><th>25 91.2</th><th>28 91.2</th><th>28 91.2</th><th>0</th></t<>	25 91.2	28 91.2	28 91.2	0
1   300   627   623   624	5.1		5.1	11.0
551	5.1	Si	5.1	
+	-4.9	1	14.9	
-4.9   1   C   636   635   634   633   635   640   641   641   641   641   641   641   641   641   642   641   641   642   641   642   642   641   642	-4.9   C 636 635 634 633   C 636 635 634 633   C 643 642 641   C 63 643 642 641   C 63 643 642 641   C 643 642 641   C 643 642 642   C 642 642   C 642 643   C 643 643   C 643 643   C 643 643   C 644	-4.9	-4.9	
1			1   1   300   1   642   647	
6.1 5.9 0 A 643 642 641 5.1	0.1 5.9	O.1 3.9 O A 643 642 641	0.1 3.9 0 A 643 642 641  5.1	
5.1   300   644 646 647 647 647 647 647 647 647 647		1   300   644 645 646   647 647 647 647 647 647 647 647 647 647	1   300   644 645 646	
5.1	5.1   1   649 648 C47   672   652	S.1	5.1   1   649 648 647   672   651   652	
+ + 0 + 656 657 652 -49 + 300 + 656 659 -01 8.0 0 A 660 659 + 300 A 660 659 + 300 A 660 667 -49 + 300 A 665 -49 + 1 300 A 665	11 37 43 55 61 657 657 657 657 657 655 655 655 655 655		1	
-49 i 200 i 656 657 658  0.1 8.0 0 A 666 659  1 320 i 660 659  5.1 i 7 0 i 665 665  1 4 o i 665 665  1 4 o i 665 665  1 7 0 i 65 665	1 1 200 4 653 650 650 650 650 650 650 650 650 650 650	1	-49 ; C 655 657 658  -49 ; C 656 657  -60 657  -49 ; C A 666 657  -49 ; C A 666 657  -49 ; C A 666 657  -49 ; C A 666 657  -49 ; C A 667  -49 ; C A 668  -49 ; C A 667  -49 ; C A 668  -40	
4       4       300       4       660       657         6       6       6       6       6       6       6         7       300       4       6       6       6       6         5       7       4       6       6       6       6       6         4       7       7       6       6       6       6       6       6       7         4       7       7       7       6       6       6       6       6       7	31 37 49 55 61 657 658 61 662 659 61 662 659 61 662 659 61 665 61 665 61 61 61 61 61 61 61 61 61 61 61 61 61	1	31 37 49 55 61 667 67 7 658 61 667 667 667 667 667 667 667 667 667	
6.1       8.0       0       A       660       657         1       320       661       662         5.1       1       0       1       664       663         1       200       1       669       667       1         1       300       1       609       670       1         1       300       1       335       61       670	31 37 43 56 61 662 657 666 657 666 657 666 657 666 657 666 657 666 657 666 657 666 657 657	31 37 43 55 61 662 657 666 659 667 662 662 662 662 662 662 662 662 662	31 37 49 56 61 667 667 666 659 666 667 666 667 666 667 666 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 669 667 667	
4     360     667     662       5.7     4     64     663       4.9     4     6     666     667       4     4     500     4     6     609     670       37     43     350     4     535     61     670	31 37 43 49 55 61 667 7 7 400 0100.	31 37 43 56 66 662 666 662 666 663 666 669 667 667	31 37 43 49 56 66 662  31 37 43 49 55 61 667  COEFTICENTS  49 55 61 670  TOWAR (II IDVAR (II IDV	
5.7	31 37 43 49 56 61 667 100 100 AR 121 100 AR	11 37 43 61 669 667 7 7 43 49 55 61 669 67 7 7 440 00 C, -10C	31 37 43 49 55 61 667 77 78 60 20 60 60 60 60 60 60 60 60 60 60 60 60 60	
-49 + 0 + 665 666 -49 + 7 300 + 669 667 - 10 67 + 1 300 + 61 670	31 37 43 61 666 667 7  31 37 43 49 55 61 67 7  COEFICENTS  400 0. C, -10C	31 37 43 49 55 61 669 67 7  COEFFICENTS  THOUGH IS TO THE TOTAL TO	31 37 43 49 55 61 666 67 7 COEFFICENTS 400 200 100, C, -10C 400 200 100 50.400 ATU-XXX	
37 43 49 55 61 67 7	31 37 43 49 55 61 67 7 7 200 FFICENTS  COEFFICENTS  GOOF 400, C, -10C	31 37 43 49 666 667  31 37 43 49 55 61 67  COEFFICENTS  THOUS 200, C, -10C	31 37 43 49 55 61 667  COEFFICENTS  49 55 61 67  COEFFICENTS  49 55 61 67  TOVAR III I I I I I I I I I I I I I I I I I	
37 43 49 55 61 670	11 37 43 49 55 61 670 7 7 7 60 FILLE STATES ASS SE STATES ASS SE STATES ASS SE SE SE SE SE SE SE SE SE SE SE SE S	11 37 43 49 55 61 670 7 7 1111111111111111111111111111	11 37 43 49 55 61 670 7 7 COEFICENTS  400 200 100 C, -10C  400 200 10C  55.00	
37 43 49 55 61 67 7	31 37 43 49 55 61 67 7  LILLILLIA LILLIA LIL	31 37 43 49 55 61 67 7 7 COEFFICENTS  400 00 100 100 100 0 - 1	11 11 11 11 11 11 11 11 11 11 11 11 11	1111
	COFFICENTS  400 OC 400, 200 100, C, -100	COEFFICENTS 400 200 100, C, -100	COEFFICENTS  400 00 400, 200, 20, -100  400 200, 100  55.040  AT 0 - DEBEC DEFECTION  ATU - XXX	25
		100 110	ATU - XXX	AZ) A= -100,0,100,200,

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TABLE II. - Continued

### CONFIGURATION NUMBER COLLATION SUMMARY   DATE: 1951 (EST														_			,		
117 O/E7, SRBR1 bas 42 604 6.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0		187			Y	7A CF	11/2/T	Z	AFP	Ē	ATIO	MMIN	ARY		DATE		1657		
127 CONTIGURATION SCOD PARAMETERS/VALUES NO. WACH HUNGERS LOR AT TERNATE INCEPENDENT VARIABLE INCARRENT INCARR				96	7	, .	24 / 1		2	100									
127 O./Er, SRBRI MAGRAGE 604 0.2C.1 O. 4 574 675 570 570 571 772 773 773 773 773 773 773 773 773 773	DATA SET			ŝ	_	RAMET	ERS/V		Š.	MA	CHNUN		9	TERNA.	TE INDE	PENDE	NT VARI	ABLE )	
127   O/ET, SCBR1   Waks 94.52   60.4   0.2 - C.1   O   A   174   673   672   671     128	IDENTIFIER	CONFI	GUMATION	•		6	0 - PS		RUNS		4/3	AX	45	, 0/	100	200	400		
7. 300 675 676 679 682 687 680 679 682 687 680 679 682 687 687 682 687 682 687 687 687 687 687 687 687 687 687 687	KTU - 227	123/	SPBRI	0.0	57 83		+			0.2	-1	0	4	409	673	219	11.9		_
5.2		_										300		675	767	219	678		•
49	622 -					-				5.2				682	189	680	619		
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TABLE II. - Continued

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JAM BRITAND AT ME IN THUMS FULL SCALE

JAM BRITAND CANTRA SURFACE, SET AT C-DEGING DEFLICTION

JAM BRITAND AND SOLD SURFACE, SET AT C-DEGING DEFLICTION

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TABLE II. - Continued

	ATA SET/RUN NUMBER COLLATION SUMMARY  10. PARAMETERS/VALUES NO.  10. March Numbers for alternate independent variable in the parameters of		I												ľ				Į,	
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NOTES: 1) DX, DY AND DR ANE IN INCHES FULCEARE 2) ALL BERNEW CONTROL SURFACES STATE C. DECRE DEFLECTION 3) CONTESTINGEN SPORT DATASETS AND ATTICKEY

TABLE II. - Continued

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TABLE II. - Continued

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TABLE II. - Concluded

CONTIGURATION   SAMO   CONTIGURATION SUMMARY   DATA SET/RUN NUMBER COLLATION SUMMARY   DATA SET/RUN NUMBER COLLATION SUMMARY   DATA SET/RUN NUMBER   OP ALL TERMATE INDEPENDENT VARIABLE	T								TE	EST	RUN	NUN	BEF	₹5							75 76	9	> 0 2	
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CONFIGURATION SCHO.  C) ET. TSOLATED 10.4 0.0  E.3   1.03   1.04 0.0  SCHO.  SC	N SUMMARY	- 08																			49			
CONFIGURATION SCHO.  C) ET. TSOLATED 10.4 0.0  E.3   1.03   1.04 0.0  SCHO.  SC	COLLATIO		-															٠			43	2.2   2.2		1
CONFIGURATION SCHD.  C) ET. TSOLATED 104 0.0  E.3   10.3   1.0  SCHD.  S	UMBER			55	184	239	762	403	215	519	733	558		414	516	716	417	816	616	·	37	1111	COEFFICENTS	
CONFIGURATION SCHD.  C) ET, TSOLATED 64 0.0  E.3   1.03   1.03   1.04    E.4 0.0   5.4   0.0    E.5   10.8   1.04    E.5   10.8   1.04    E.5   10.8   1.04    E.5   10.8    SET/RUN N	L DEFLECTIO	en L Psia	30.5	20.2				1.2		g			<b>★</b> °0					,		31	LILGE	COEF		
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4 ALC ONESTER CONTROL SURFICES SET AT 6- DEGRE DEPECTION

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#### TABLE III

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## MODEL DIMENSIONAL DATA

MODEL COMP	ONENT : BODY B19	•	
GENERAL DE	SCRIPTION: Fuselage, Conf	iguration 3, per R	ockwell Lines
VL70-000139B			
MODEL SCALE	: 0.010		
	ABER: <u>VL70-000139B</u>		
(Model draw	ing SS-A01182, Release 7)		
DIMENSIONS :		FULL SCALE	MODEL SCALE
Leng	gth .	1290.3	12.903
Max	Width	267.6	2.676
Max	Depth	244.5	2.445
Fine	ness Ratio	4.82175	4.82175
. Area	- Ft <sup>2</sup>	-	
	Max. Cross-Sectional	386.67	0.0387
	Planform		
	Wetted		-
	•	•	•

## MODEL DIMENSIONAL DATA

MODEL COMPONENT :CANOPY -C		
GENERAL DESCRIPTION : Configuration	n 3A canopy.	
MODEL SCALE: 0.010		
DRAWING NUMBER : VL70-000139B		
(Model drawing SS-A01182, Release 7)		
DIMENSIONS :	FULL SCALE	MODEL SCALE
Length $(X_0 = 433 \text{ to } X_0 = 578)$	, In <u>. F.S. 145</u>	1.450
Max Width	4	
Mck Depth		
Fineness Ratio		**************************************
. Area		•
Max. Cross-Sectional		
Planform		
Wetted	1	
Base	• :	· ·

MODEL COMPONENT: ELEVON - E23		~
GENERAL DESCRIPTION: Configuration 3 per W <sub>1</sub> VL70-000139B. data for (1) of (2) sides.		
MODEL SCALE: 0.010		
DRAWING NUMBER: VL70-000139B  (Model drawing SS-A01182, Release 7)		
DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - Ft <sup>2</sup>	205.52	_0.0206
Span (equivalent) - In.	353.34	3.533
Inb'd equivalent chord , In.	114.78	1.148
Outb'd equivalent chord , In.	_55.00	0.550
Ratio movable surface chord/ total surface chord		
- At Inb'd equiv. chord	0.208	0.208
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees	•	
Leading Edge	0.00	0.00
Trailing Edge	-10-24	-10.24
Hingeline	0.00	0.00
Area Moment (Normal to hinge line), Ft3 (Product of Area Moment)	1548.07	0.00155

## TABLE III.

## MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY FLAP - F5		
GENERAL DESCRIPTION : Configuration	on 3A lightweight o	rbiter body flap
MODEL SCALE: 0.010	MODEL DRAWING: SS	-A00062
DRAWING NUMBER: VL70-000139B		
(Model drawing SS-A01182, Release 7)		
DIMENSIONS :	FULL SCALE	MODEL SCALE
Length , In.	84.70	0.8470
Max Width	267.6	2.6760
Max Depth		
Fineness Ratio		
. Area Et <sup>2</sup>	,	
Max. Cross—Sectional	142.5195	0.01125
Planform	-	
Wetted	38.0958	0.00381
Base		

# TABLE III. - Continued MODEL DIMENSIONAL DATA

**([**)

MODEL COMPONENT : OMS POD - ML		
GENERAL DESCRIPTION :Configuration	on 3 per Rockwell I	ines VI.79-00013
-NOTE: Midentical to M3, except	intersection to fue	elege
MODEL SCALE: 0.010		
DRAWING NUMBER: VL70-000139B		
(Model Drawing SS-A01182, Release 7)		
DIMENSIONS :	FULL SCALE	MODEL SCALE
Length , In.	346.0	3.460
Max Width , In.	108.0	1.080
Max Depth , In.	113.0	1.130
Fineness Ratio		
. Area		-
Max. Cross—Sectional		
Planform		
Wetted		·
Base		
Centerline of OMS Pods		
WP = 463.9  in F.s.,  WP = 400	+ 63.9 = 463.9	
BP = 80.0 IN. F.S.		
Length: 1214.0 to 1560.0 =	346.0 in F.S.	

MODEL COMPONENT: OMS NOZZLE	8 - N <sub>8</sub>		
GENERAL DESCRIPTION: Basic	OMS Nozzle of Configu	ration 2A per Rockwell	Lines
VL70-008306 and VL70-00	0089"B". Intersection	n of nozzle exit plane	and
nozzle centerline at X	= 1570.75. Y = + 99	0.25, Z <sub>0</sub> = 507.25	
MODEL SCALE = 0.010	·		
DRAWING NO. VL70-008306, VL	<u>79-</u> 000089"B", SS-A000	92	
(Model drawing SS-A01182, Re	lease 7)		
DIRENSIONS		FULL SCALE	MODEL SCALE
Mach No.			
Length ~ in.			
Gimbal Point to Ex	it Plane		
Throat to Exit Pla	ne		
Diameter~in.			
Excit		50_00	_0_500
Throat	•	un/A	N/A
Inlet		28.00	0.280
Area~ft <sup>2</sup> .			
Excit		13.635	.001364
Throat			
Gimbal Point (station)	~in.		
x		1518.0	15.18
ĭ		±88.0	± _0.88
<b>.</b> 2	•	492.0	4.920
Null Position ~deg.			
Pitch		150491	15049.
Yaw	44	+ 1297	12017'

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\*REVISED 4/24/74

#### MODEL DIMENSIONAL DATA

MODEL COMPONENT: RUDDER - R5		
GENERAL DESCRIPTION: Configuration 1391	B Orbiter Rudder fo	or stabilizer
MODEL SCALE: 0.010		
DRAWING NUMBER: YLTO-000139B. V	/I.70=000085	
(Model Drawing SS-A01182, Release 7)	[2]0 00000	
DIMENSIONS:	FULL-SCALE	MODEL SCALE
*Area- It <sup>2</sup>	100.15	0.0100
Span (equivalent) , In.	201.0	2.010
Inb'd equivalent chord , In.	91.585	0.916
Outb'd equivalent chord , In.	50.833	_0.508
Ratio movable surface chord/ total surface chord		
_ At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees	·	
Leading Edge	34.83	34.83
Trailing Edge	26.25	<u> 25.25</u>
Hingeline .	34.83	34.83
Area Moment ( Productof Area & c 1) , F	t <sup>3</sup> <u> </u>	<del>0</del> .0006
Mean Aerodynamic chord , In.	73.2	0.732

## MODEL DIMENSIONAL DATA

MODEL COMPONENT: VERTICAL - V7		•
GENERAL DESCRIPTION: Centerline vertical t	ail. double-wedge	airfoil with
rounded leading edge.		
NOTE: Same as V5, but with manipulator housing	removed.	
MODEL SCALE: 0.010		
DRAWING NUMBER: VL70-000139B (Model Drawing	SS-A01182, Releas	
dimensions:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft <sup>2</sup> Planform  Span (Theo) - In.  Aspect Ratio Rate of Taper Taper Ratio Sweep-Back Angles, Degrees.  Leading Edge Trailing Edge 0.25 Element Line  Chords:  Root (Theo) WP Tip (Theo) WP	425.92 315.72 1.675 0.507 0.404 45.000 26.249 41.130 268.50 108.47 199.81 1463.50	0.0426 3.157 1.675 0.507 0.404 45.000 26.249 -1.130 2.685 1.0847 1.998 14.635
Fus. Sta. of .25 MAC W.P. of .25 MAC B.L. of .25 MAC	635.522 0.00	6.355 0.00
Airfoil Section Leading Wedge Angle - Deg. Trailing Wedge Angle - Deg. Leading Edge Radius	10.000 14,920 2.0	10.00 14.920 2.0
Void Area	_13.17	
Blanketed Area	0.00	0.00



 $lackbox{}$ 

MODEL COMPONENT: WING-WIOZ	·	
GENERAL DESCRIPTION: Configuration 3 per Rockwell	Lines VL70-000	1398
NOTE: Same as W103 except cuff. airfoil and	incidence angle	·
MODEL SCALE: 0.010 (Model Drawing SS-A0118	2. Release 7)	
TEST NO.	DNG. NOY	L70-0001 39B
DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (.neo.) Ft <sup>2</sup>	0600 0	
·	2690.0	_0.2690_
Span (Theo In.	936.68	9.3668
Aspect Patho Rate aper	2.265	2.265
Rate aper Taper Ratio	1.177	<u></u>
Dihedral Angle, degrees	0.200	0.200
Incidence Angle, degrees	3,500	_3.500
Aerodynamic Twist, degrees	0.500	
Sweep Back Angles, degrees	+ 3.000	±-3.000
Leading Edge	1.000	1
Trailing Edge		<u> </u>
0.25 Element Line	<u> 10.24</u>	-10-2h
Chords:	<u>35.200</u> .	35.200
Root (Theo) B.P.O.O.	689.24	_6.896
Tip. (Theo) B.P.	137.85	1.3785
_ MAC	474.81	4.7481
Fus. Sta. of .25 MAC		
W.P. of .25 MAC	1136.89 299.20	11.369
B.L. of .25 MAC		
	182.13_	_1.821
EXPOSED DATA	1750 00	0.1950
Area (Theo) Ft2	1752.29	0.1752
Span, (Theo) In. BP108	720.68	7.207
Aspect Ratio	2.058	2.058
Taper Ratio	0.2451	0.2451
Chords		
Root BP108	<u>562.40_</u>	5.624
Tip 1.00 <u>b</u>	<u>137.85</u>	_1_379
MAC Z	303.03	_3.030
Fus. Sta. of .25 MAC	1185.21	11_952
W.P. of .25 MAC	300-50	3.003
B.L. of .25 MAC	251.76	2.518
Airfoil Section (Rockwell Mod MASA)	مطللبة بالنيالي	
XXXX-64		
Root t	0.10	0.10
Tip t =	0.12	0.12
0.4. 0. 111 .0 101 014.		
Data for (1) of (2) Sides		
Leading Edge Cuff 2 Planform Arma Ft <sup>2</sup>	_118.333_	مروبيه
	_502.0	0500
Leading Edge Intersects Fus M. L. 0 Sta	1083.4	10.83k
leading Edge Intersects Wing 0 Sta		

## MODEL DIMENSIONAL DATA

MODEL COMPONENTEXTERNAL TANK - T	20	
GENERAL DESCRIPTION :External Oxyg	en-Hydrogen Tank	
MODEL SCALE: 0.010		
DRAWING NUMBER: VL72-000131, VL78-	0000623	
(Model drawing SS-A00117, Release 4)		
DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (In.)(Nose & X <sub>T</sub> =328.92)	1846.905	18.469
Max Width (Dia., In. (@X <sub>T</sub> =975.67	75)333.2	3.332
Major Depth (In.,)	330.2	3.302
Fineness Ratio	5.65713	5.65713
Area - Ft <sup>2</sup>		
Max. Cross—Sectional (@ X <sub>m</sub> = 975.675)	605.534	0.0605
Major Cross Section	594.679	0.0595
WP of Tank Centerline (2)	,In. 400.0000	4.0000
Bose (On 330.2 Dia.)	594.679	0.0595

## TABLE III. - Continued MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT16

GENERAL DESCRIPTION: Forward orbiter/ET Attach Structure (2 member

Structure)

SH SH

MODEL SCALE: 0.010 MODEL DRAWING: SS-A00117, Release 4

DRAWING NO.: VL78-000062B, SK-H-4011

DIMENSIONS:	<b>MODGER</b>		FULL SCALE	MODEL SCALE
	<b>/</b> 1	X <sub>o</sub>	394.38	3.944
		Y <sub>o</sub>	0	0
		Zo	LWR ML	LWR ML
		X <sub>T</sub>	1131.0	11.319
•		YT	46.8	0.468
		ZŢ	561.298	5.613
	<b>#</b> 2	X <sub>O</sub>	394.38	3.944
		Yo	0	0
		Zo	LWR ML	LWR ML
		XT	1131.0	11.310
		YT ·	- 46.8	- 0.468
		Z <sub>T</sub>	561.298	5.613

Diameter of Members: 5.70 In. Dia. P.S.

#### MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT17

GENERAL DESCRIPTION: Left rear orbiter/ET attach structure (2 member

structure)

MODEL SCALE: 0.010

MODEL DRAWING: SS-A00117, Release 4

DRAWING NO.: VI.78-000062B, SK-H-4013

DIMENSIONS:	EMBER		FULL SCALE	MODEL SCALE
	ħ	x <sub>o</sub>	1317	13.17
		Yo	- 96.5	- 0.965
		Z <sub>o</sub>	267.5	2.675
		XT	2058.0	20.58
		YT	- 125.827	- 1.258
		$z_{\mathtt{T}}$	515.5	5.155
	<b>#</b> 2	X <sub>o</sub>	1317.0	13.17
		Yo	- 96.5	- 0.965
•		Zo	267.5	2.675
		XT	2058.0	20.58
		YT	- 125.827	- 1.258
		$z_{\mathbf{T}}$	515.5	5.155

Diameter of Members: #1 11.5 In. Dia. F.S.

#2 15.5 In. Ma. P.S.

#### MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT18

GENERAL DESCRIPTION: Right rear orbiter/ET attach structure (3 member

structure)

0

Drawing No: VL78-000062B

MODEL SCALE: 0.010

MODEL DRAWING: SS-A00117, Release 4

DIMENSIONS:	MEMBER	FULL SCALE	MODEL SCALE
•	ħ	X <sub>0</sub> 1317.00 Y <sub>0</sub> + 96.5 2 <sub>0</sub> 267.5 X <sub>T</sub> 1872.0 Y <sub>T</sub> + 125.827 2 <sub>T</sub> 515.5	13.170 + 0.965 2.675 18.720 + 1.258 5.155
	<b>#</b> 2	X <sub>0</sub> 1317.0 Y <sub>0</sub> + 96.5 Z <sub>0</sub> 267.5 X <sub>T</sub> 2058.0 Y <sub>T</sub> + 125.827 Z <sub>T</sub> 515.5	13.170 + 0.965 2.675 20.580 + 1.258 5.155
•	<b>#</b> 3	X <sub>0</sub> 1317.0 Y <sub>0</sub> 54.40 Z <sub>0</sub> 19.30 X <sub>T</sub> 2058.0 Y <sub>T</sub> 2.5 Z <sub>T</sub> 567.6	13.170 0.544 0.193 20.580 0.025 5.676
Diameter of Members (In.):	ħ	15.5	0.155
	Æ	11.5	c.115
	<b>#</b> 3	4.5	0.045

TABLE III. - Continued

#### MODEL DIMENSIONAL DATA

MODEL COMPONENT: FEEDLINE - FL5

GENERAL DESCRIPTION: LOX feedline simulated between ET and Orbiter.

MODEL SCALE: 0.010 MODEL DRAWING: SS-A00117, Release 4

DRAWING NO.: VL78-000062B,

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	$\mathbf{x_T}$	1033.3	10.333
	YT	70.0	0.700
	$\mathbf{x_{T}}$	1033.3	10.333
	YŢ	- 70.0	- 0.700
Trailing edge at:	$\mathbf{x_T}$	2071.50	20.715
	$\mathbf{Y_T}$	70.00	0.700
	Dia., Inches	18.80	0.188
_	XT	2071.50	20.715
•	$\mathbf{Y_T}$	+ 70.00	+ 0.700

Centerline of LOX feedline located radia lly at  $\phi = 23^{\circ}24^{\circ}$ 

## TABLE III. - Continued MODEL DIMENSIONAL DATA

MODEL COMPONENT: PRESSURE LINE - FL6

GENERAL DESCRIPTION: Max. cross-sectional area simulating LH2 pressure

line and electrical conduit line on the ET. Drawing No: VL78-000062B

MODEL SCALE: 0.010 MODEL DRAWING

MODEL DRAWING: SS-A00117, Release 4

DIMENSIONS:	FULL SCALE	MODEL SCALE
Leading edge at: Xr	1127.1	11.271
YT	110.3	1.103
Trailing edge at: XT.	2062.1	20.621
YŢ	110.3	1.103

Centerline of LH<sub>2</sub> pressure line located radially at 0 = 33°45'

## MODEL DIMENSIONAL DATA

MODEL COMPONENT : LHO UMBILICAL	FEEDLINE FL.	
GENERAL DESCRIPTION LING LING LING LING LING LING LING LIN	al feedline with a	<u>electrical qui</u> ck
disconnect box between the Orbiter an	a et	
MODEL SCALE: 0.010	· · · · · · · · · · · · · · · · · · ·	
DRAWING NUMBER VL78-000062B		
(Model drawing SS-A00117, Release 4)		
DIMENSIONS :	FULL SCALE	MODEL SCALE
Centerline at X <sub>T</sub>	2071.5	20.715
Max Width	31.2	0.312
Max Depth	37.5	0.375
Diameter	17.0	0.170
Area		<u> </u>
Max. Cross-Sectional		
Planform		
Wetted		,
Rose		

#### MODEL DIMENSIONAL DATA

MODEL COMPONENT: FAIRING - FR6

GENERAL DESCRIPTION: Cross member between aft ET/orbiter attach structures

MODEL SCALE: 0.010 MODEL DRAWING: SS-A00117 Release \$

DRAWING NO.: VL78-000062B, VL78-000050

DRAWING NO.: VL/O-00002B, VL/O-000070		
DIMENSIONS:	FULL SCALE	MODEL SCALE
Leading edge at X <sub>T</sub>	2035.50	20.355
Length	15.00	0.150
Width	193.0	1.930

#### MODEL DIMENSIONAL DATA

MODEL COMPONENT: ET PROTUBERANCE - PT13

GENERAL DESCRIPTION: Maximum cross-sectional area simulating LOX recirculation

line and electrical conduit box on planform view of external tank, T20.

MODEL SCALE: 0.010 MODEL DRAWING: SS-A00117 Release 4

DRAWING NO .: VL78-000062B

DIMENSIONS:		FULL SCALE	MODEL SCALE
	$\mathbf{x_{T}}$	1208.3	12.083
	YT	+ 95.0	+ 0.950
	x <sub>T</sub>	1208 3	12.083
	YT	- 95.0	- 0.950
Trailing edge at:	$\mathbf{x_T}$	2060.5	20.605
·	$\mathbf{Y_T}$	+ 95.0	+ 0.950
	$\mathbf{x_T}$	2060.5	20.605
	YT	- 95.0	- 0.950

Centerline of LOX recirculation line located radially at  $\emptyset = 33^{\circ}45^{\circ}$ 

#### MODEL DIMENSIONAL DATA

MODEL COMPONENT: ET PROTUBERANCE - PT14

GENERAL DESCRIPTION: LOX pressure line on Tank, T20

MODEL SCALE: 0.310

0

DRAWING NO.: VL78-000062B (Model drawing SS-A00117, Release 4)

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X <sub>T</sub>	355.90	3.559
•	YT	6.0	0.06
Trailing edge at:	$\mathbf{x_T}$	2060.5	20.605
	YT	+ 87.0	+ 0.870

Centerline of LOX pressure line located radially at  $\phi = 23^{\circ}24'$ 

#### MODEL DIMENSIONAL DATA

MODEL COMPONENT: NOSE CONE LINES - PT20

GENERAL DESCRIPTION: Maximum cross-sectional area simulating the

LOX pressure line and electrical conduit on top of external tank

(T20) nose come area.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000062B (Model drawing SS-A00117, Release 4)

dimensions:		FULL SCALE	MODEL SCALE
Leading edge at:	$\mathbf{x_{T}}$	360.92	3.609
	YT	34.0	0.340
Trailing edge at:	$\mathbf{x_{T}}$	955.1	9.551
	YT	336.5	3.365

Centerline of lines located radially at  $\phi = 33^{\circ}45^{\circ}$ 

(**]**b

## MODEL DIMENSIONAL DATA

MODEL COMPONENT : BOOSTER SOLID ROCK	ET MOTOR - S <sub>18</sub>	
GENERAL DESCRIPTIONConfiguration	MCR500. Data fo	or (1) of (2)
sides.		
MODEL SCALE: 0.010		
DRAWING NUMBER	drawing SS-A0130	8, Release 1)
DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (Includes nozzle), In.	1989.4	19.894
Mox Width (Tank Dia.), In.	146.0	1.460
Max Depth (Aft Shroud), In.	192.0	1.920
Fineness Ratio	9.06771	9.06771
Area , Ft <sup>2</sup>		
Max. Cross-Sectional	201.06193	0.0201
Planform		<del></del>
Wetted		
Bose		
WP of BSRM Centerline $(Z_{\overline{1}})$ , In.	400.0	4.000
TO ad horse to be		- 1

#### TABLE III. - Concluded

#### MODEL DIMENSIONAL DATA

MODEL COMPONENT: SRB PROTUBERANCE - PS7

DESCRIPTION: SRB/ET attach ring: two attach rings and one structural ring

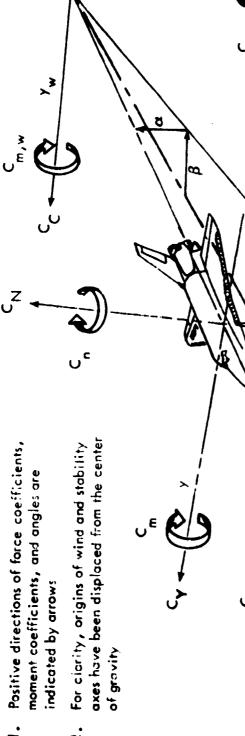
MODEL SCALE: 0.010

DRAWING NO. VL77-000066 (Model drawing SS-A01308, Release 1)

DIMENSIONS) DATA FOR 1 OF 2):	FULL SCALE	MODEL SCALE
Centerline at X <sub>B</sub> :	1505	15.05
	1517	15.17
	1852	18.52
Width	10	0.10
Heigth	10	0.10

# Zotes:

- Positive directions of force coefficients, moment coefficients, and angles are
- axes have been displaced from the center For ciarity, origins of wind and stability 2



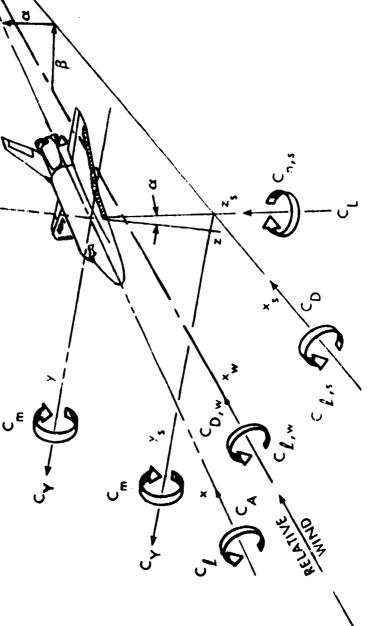
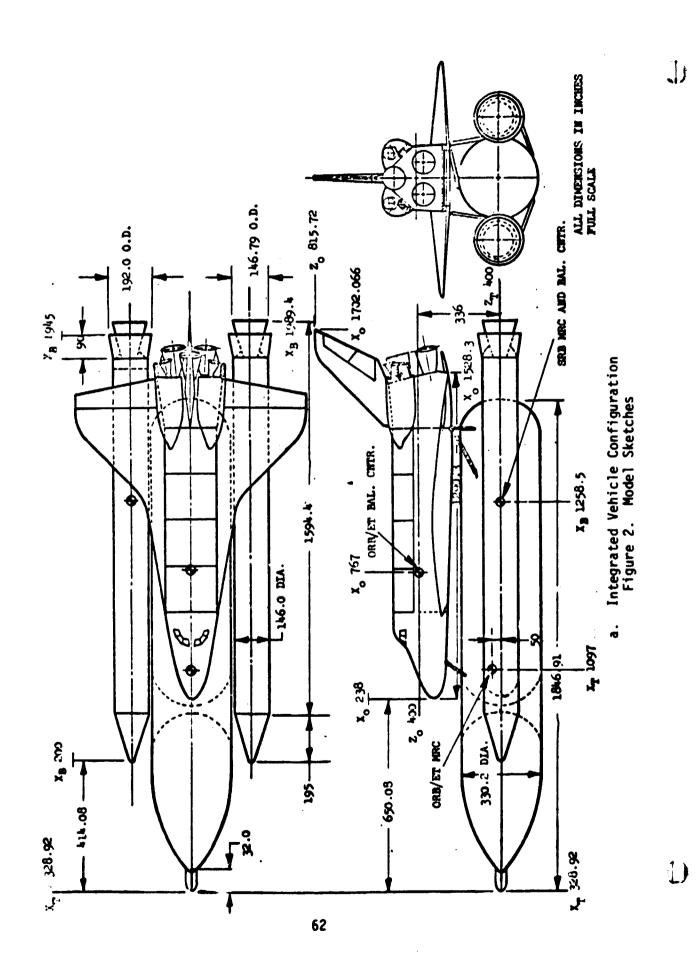


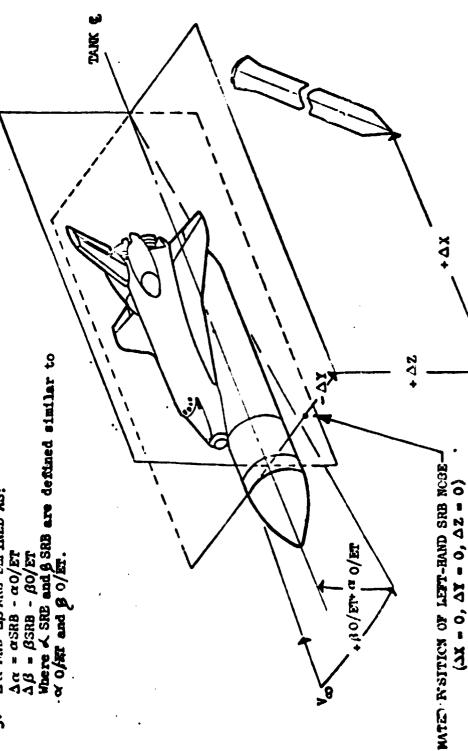
Figure 1. Axis Systems



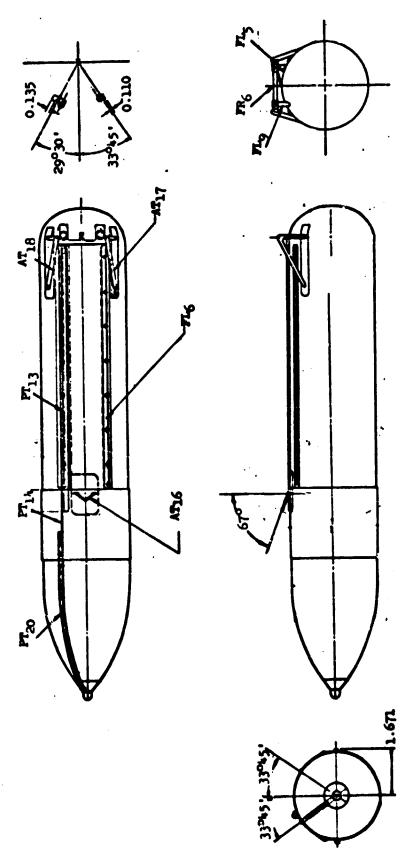
AX. AY, AND AZ. ARE DISPLACEMENTS OF THE SRB NOSE FROM THE MATED MOTES:

D

- SRB ROJE POSITION. POSITIVEAY IS TO RIGHT. ö
- $\Delta \alpha$  AND  $\Delta \beta$  ARE DEFINED AS:  $\Delta \alpha = \alpha \text{SRB} \alpha 0/\text{ET}$   $\Delta \beta = \beta \text{SRB} \beta 0/\text{ET}$ Where  $\prec$  SRE and  $\beta$  SRB are defined similar to < 0/KT and < 0/ET. m



b. SRB Separation Geometry Figure 2. Continued.



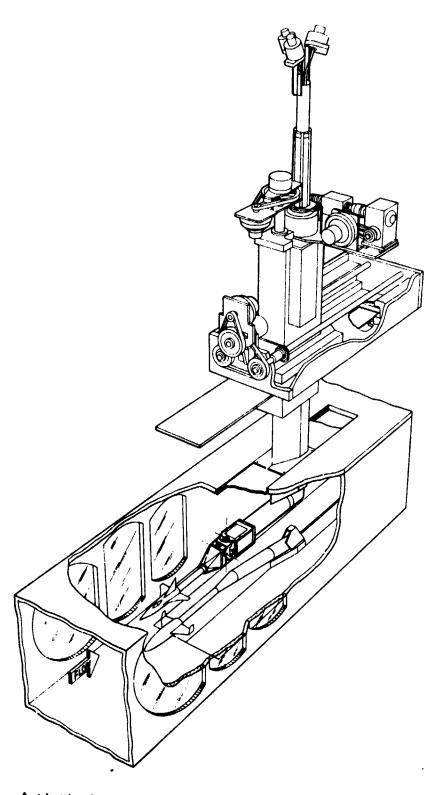
c. External Tank (T<sub>20</sub>) Protrusions Figure 2. Continued.

€ Pin "A" (Ref.)-7-in. (Ref.) © Model Rotation (Ref.) Drop Port € Tunnel "A" Flow Transducer Package and Electrical Conduit Installation 7-ft 6-in. (Ref.) Existing Diffuser Support Frame 3-ft 11-in. Model Shown Strone (Ref.) Retracted **Axial Drive** Installation 0 Pitch Center Drive Installation -Pitch Drive Installation

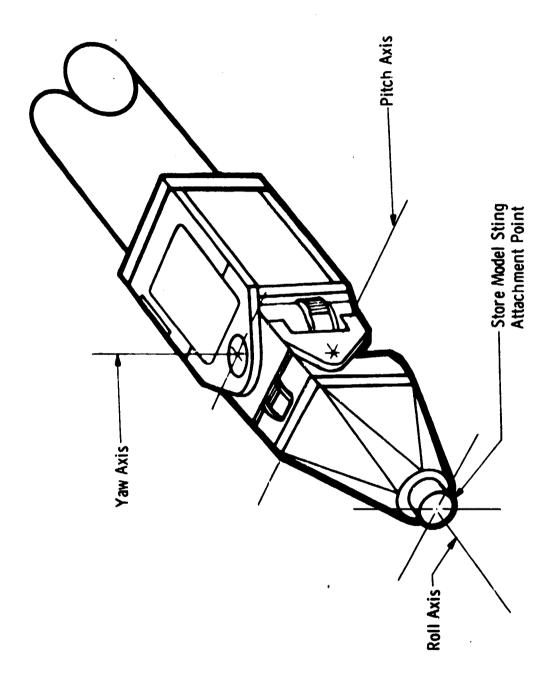
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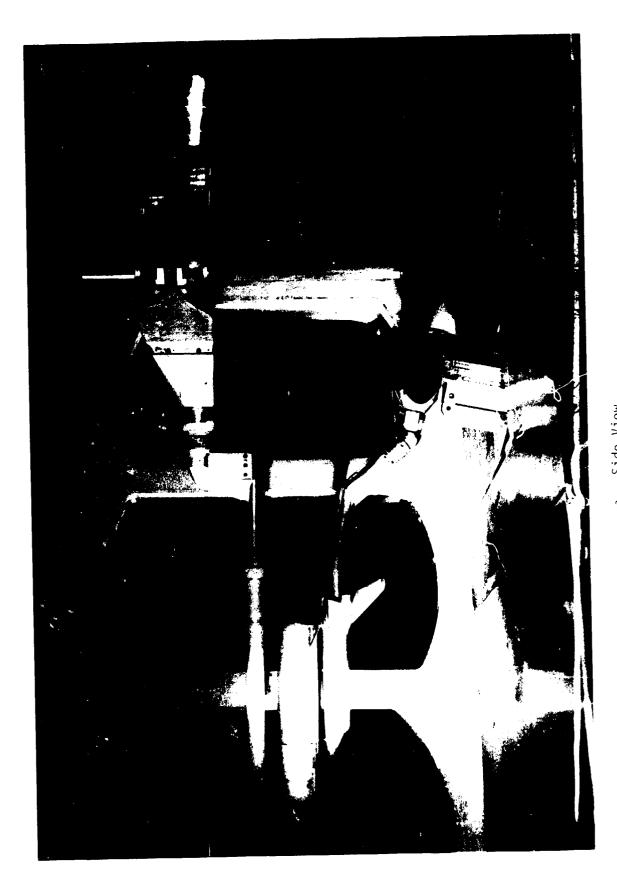
d. AEDC von Karman Gas Dynamic Facility Tunnel A Figure 2. Continued.



e. Artist's Conception of the VKF/CTS Installed in Tunnel A Figure 2. Continued.

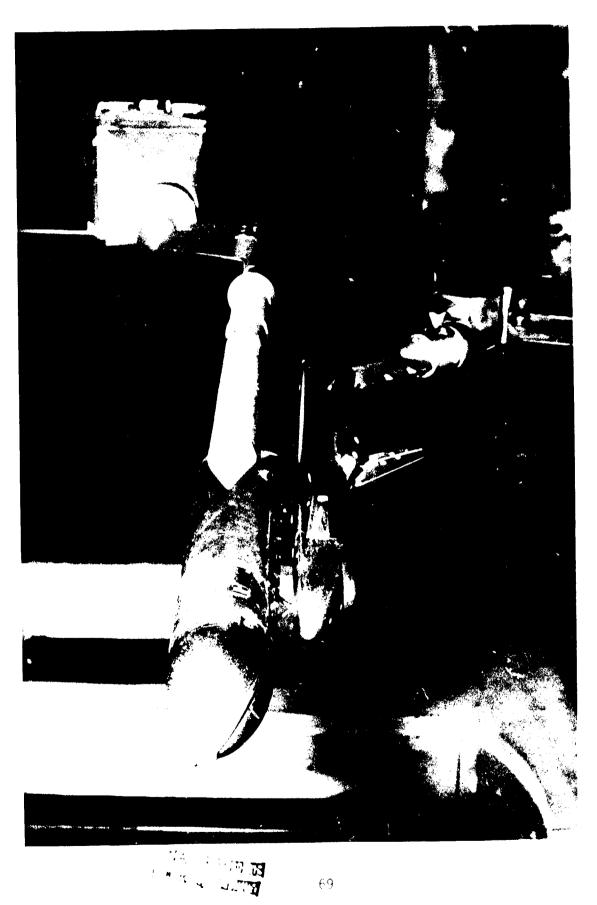


f. Artist's Conception of the VKF/CTS With Roll-Pitch-Yaw Support Figure 2. Concluded.

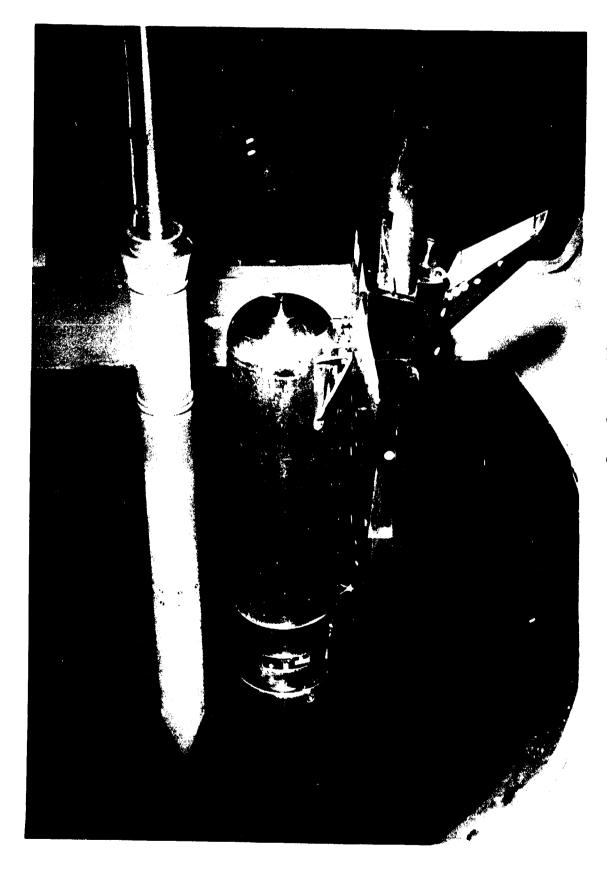


a. Side View Figure 3. Installation Photographs

68



b. Front-Quarter View Figure 3. Continued.



c. Rear-Quarter View Figure 3. Concluded.

#### **APPENDIX**

TABULATED SOURCE DATA

(see Volume 1 for Plotted Data figures)

Tabulations of plotted data are available upon request from Data Management Services.

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(RTUDO2) ( 03 OCT 74 )

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12.647	747	06780	.18884	.72541	01162	.00225	00073	02197	06387	299,93000	
11.450	150.445	06484	.18962	.02597	00745	.00170	20000	00656	05857	299,91000	
10.095	13.80	06063	.18730	.02388	-,50206	.00063	00016	.01361	01661	299,99000	
11.369	400.780	06121	.18602	.12435	61000	50200	.00146	-,02204	03866	299.99000	
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94.565	-100.789	06229	.18906	.02199	01153	.00555	-,02007	.03443	08202	299.97777	
96.142	974	06589	.18691	02540	00973	.00464	90000	.00483	16957		
99.328	99.131	05966	.18944	.:12252	00610	.07286	-,09060	.96256	10622	299.91000	
101.160	200.300	05605	.18742	.01953	00549	00000	00119	91294	60926		
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201.430	336	96483	.18914	. T. 24 16.2	01055	.00821	91000	00426	04373	299.84000	
2002	36.328	08654	.18678	.51944	00925	.00742	00100	.09959	P. (120.19)	299.88970	
200.200	199.050	06129	.16593	.02190	00404	.00499	00026	. 91533	.05420	299,96000	
199.360	397.760	57425	.16712	.03085	60,600	00261	11100.	.06515	.64191	299.89000	

299.89000 299.87000 299.84000 299.86000

CLTBTA -.01500 -.01262 -.04543 -.02013

0.1487 .01772 .02247 -.02550 .01271

CBL .90076 .90046 .90071 .90111

CYN -.00166 -.00266 -.00259 -.00263

CY .00843 .00840 .00866 .00900

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CA .18766 .18769 .18724 .18702

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19.637	2.78	96268	.10973	.02526	00031	00127	00034	5.01149	91164		930	
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139.290	1.901	96375	.18896	.02449	90911	76900.	19000	4.97445	.02329	299.91000	8	
200.040	101.090	05646	.18764	.01899	-,00799	\$6900	00116	4.95900	.00159	299.84993	900	
200,470	200.769	06767	.18619	£693).	20148	.00357	.00138	4.94139	03156	299.84000	93	
200.430	330.620	07396	.18691	7,080.	.00921	07261	21100	5.00980	51343	299.95000	83	
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350.030	-100.949	57266	.10769	.::2967	.00837	00107	.00068	5.95310	.03496	299.95000	8	
400.520		97215	.18748	.02943	.00848	00197	.00049	5.04960	05154	299,94000	99	
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9644 9773 9957 9954 9934 9934 9934 9934 9934 9934 9934	第	CY CY 01669 01643 00715	00064 00009 00009 00000	.00132 .00142 .00016 .00019 .00019	5.03780 BLTALF 5.00970 4.90500 4.93600	0.13219 0.1814 0.0438 0.0236 0.0661	x x 04632 26531 24351
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.18934 .1891. .18781.	28520.	.00101	3886	3	4 06070		
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1966			7000	02000	0.000	1000	11970
1966	.72476	10000	52200	SUCCO.	5.01060	21.200	26890
	.02943	.95759	-,90144	.00120	5.04580	57770	96619.
16/ 0 RA	RN/L = 6.48						
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18728	500	2000	10107	1000			
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		9999	C 1 1023	17.70	4.99720		1846!
92/81.	.02939	.9000	20203	69000	4.99910	٠	27532
61,81.	1.050.	66900		.00109	5.00010	_	13545
2010	tanon.	22617:	:	.00118	5.05520	. 58141	92722

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	•	98 99 90 90 90 90 90 90 90 90 90 90 90 90	Perini	C4 0223 0223 0223 0322	CYN .00166 .00081 .00020 .00310		DLTALF -4.96110 -5.05030 -4.96250 -4.96420	6.1814 - 01316 - 02160 - 00120 - 00120	×
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65 ~ , 85 ° ~		. 19032	.02461	52358	<b>903</b> 50	00199	-4.9385£	53923	25730
5 108 008 009 009	50 05338 50 06335	.19071. 18861.	.02106 .02513	\$1205°-	.00449 4200.	00147 .00150	-5.00190	00673	16873
2 100 100 100 100 100 100 100 100 100 10	RUM NO.	16/ 9 RML	<b>6</b> .55						
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001 004 004	•	19061	.51669	01347	90010	90370	4.99730	01095	29274
		18999	.02155	01097	69256	-,0000	C#666.7	901 22	12571
§ ~		.18734	87610.	DOB48	.00663	90196	-5.00129	11680.	20051
	-	.19676	.02611	.00465	.00025	W100.	-5.03410	.04469	-,19402
	RUN NO.	17/ D RM	6.48						
	8	3	T C	გ	Ē	ಕ	CL TALF	C. TBTA	×
8	•	.18719	.02953	.90761	90127	.00063	-4.96640	16.291	26732
		18726	.C26.34	27700.	00140	.003E	7.96730	13: E	27726
601.519 200.030	\$1220 06	.18699	12820	.00065	<b>90200'-</b>	.00042	7.9490	-, 261 55	12695
498,419 498,919	00120- 01	. 18698	.03075	81600.	07262	\$1100	-4.99090	6621	15009

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NETENDICE DATA

AEDC/YASSA (TABT) -OLETISI-OMB/ET W R/M SMB SEPAR.

TABY TABULATED SOUNCE DATA

(RTUDD6) ( 83 OCT 74 )

100.900 .000. PARAMETRIC DATA

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<b>.</b>
PTOTIL BETA CBETA
4.320 400 -5.000 300.000
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MON H
YWAP = 1997.0000 IN. KT YWAP = .0000 IN. YT ZWAP = 450.0000 IN. ZT
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SACT = \$480.0000 30.FT. LACT = 1290.3000 INCHES SACALE = .0100
N. S. S. S. S. S. S. S. S. S. S. S. S. S.

). E1/ 0 RML = 6.51	CA CLM CY CYN CBL BLTALF BLTBTA X 199400343 -4.5944000443 299.93000 BL .19654 .0211301479 .0054300385 -4.5944000443 299.93000 BL .19654 .021130109E .00413001135 -4.5955001502 300.04000 BL .18581 .0238600370 .00350 .00155 -5.0423002866 300.09000	. 22/ 0 RML = 6.30
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	2064 100.630 200.090	
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299.05000 299.05000 299.05000	
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.0072 .00729 .00516 .00406	
01339 01039 01089 00863	
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5.	-1.233	08199	.10963	.02235	31349	75010.	00139	4.96390	05765	299.61020
008.00	2.8	09663	10986	.01931	-,01099	22906*	00100	-5.00990	99377	299.90000
000.000	19.00	98412	.16656	.01643	00647	.02700.	90105	-4.990m	924 32	299.85077
2.113	388.930	97369	.16631	25000	19900	07238	\$1100.	-4.99145	97727	299.95000

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•	~	8	5	5	t	£	ਰੰ	OLTALF	O. TB TA	×
400.340	067	97195	.18759	. P. S.	02900	<b>99100'-</b>	97000	-4.99070	01510	299.84000
400.230	100.100	07194	1.0000	53630	.00045	03502	\$5000	-4.99570	.05465	299.83000
600.000	200.120	07395	. 19663	.03071	10600	00000	31100.	-5.00090	01861	299,99000
38.450	022.00	97493	.18696	.03076	91600.	00865	.00114	-5.01060	01176	299.37000

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### TABY TABULATED SOURCE DATA

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# AEDC/VASSB (1A87)-OLETIS1-ORB/ET W RAM SHB SEPAR.

(RTUDD7) ( 93 OCT 74 )

NAME   1800   100.000   100.000   110. XT   100.000   100.000   110. XT   100.000   100.000   110. XT   100.000		ODDEKE DATA	0474						2	PARAMETRIC DATA	2	
CA				1 0000 1 1 0000 1 1 1 0000 1 1 1 1 1 1				MA SAN	" " " " " " " " " " " " " " " " " " "	4.5g0 PTOT. 409 8ETA .099 DBETA	# # # E = E	.000 .000 -4.000
2         Dist         CA         Que         CY         CYN         CRL           -100-010        08447        19907         .01223        04037         .00890        09243          084        1843         .1843         .0284        04037         .00890        0923          084        0824         .1893         .0284        0343         .0023        0923          084        0824         .1893         .0283        0230         .0023        0023           189.89        08419         .1893         .02183        0184        0023        0023          08419        1892         .0235         .0236         .0236        0023        0023          100.180        1892         .0236         .0184         CY         CYN         CRL          100.180        1893         .1893         .0184         CYN         CRL         .0032          100.180        1894         .1873         .0184         CYN         CNN         .0032          100.180        1894         .1894         .0184         CYN         CNN         .0034          100.180			<b>10</b>									
-100.01005447 -119007 -0122304037 -0069009543   186530624405644	•	~	8	3	ā	Շ	Ē	ಕ	DIME	CL TB TA	×	
07108404 .18453 .0254403679 .0024700231 96.5340842 .18534 .0264602630 .0030200003 199.65005419 .1852 .02534 .00119 .00174 .00164 199.65005419 .1852 .02534 .00174 .00164 -100.1800540 .18022 .0164702147 .0012700002 199.78005419 .18024 .02274 .00164702147 101.22005437 .18946 .02274 .00164702164 .00132 199.78005437 .18946 .02274 .00164 .00102 399.78005424 .18022 .02676 .00164 .00102 399.78005424 .18024 .02676 .001037 2	Z .	-100.010	05447	100A1.	.01223	04037	06900	00523	19200.	-3.98610	19677	2
199, 630   -, 05242   , 19939   , 02664   -, 02630   , 03002   -, 02040   , 020300   , 020300   , 020300   , 020300   , 020300   , 020300   , 020300   , 020300   , 020300   ,	#.E	1.071	9686	.18653	75570	0367	£1500.	00231	.01036	-3.96649	27179	£
### 199-6500502   -10502   -10502   -10003	2.4%	16.934	06242	.18936	.0266	02630	.5230E	00040	16600.	-3.90090	25414	=
### CA CA CA CA CAN CY CYN COL CALDO.100.189  #### CA CA CAN CY CYN COL CALDO.180.180.180.180.180.180.180.180.180.180	<b>3</b> .7:	140.050	09027	19000	87020	mess	SPSEA!	00066	.01363	-3.99240	2549	1
#UN NO. 26/ 0 64/L = 6.90  2 CN CA CA CLN CY CYN COL -100.18005540 .19022 .0164702147 .012570042013605640 .19032 .0164702147 .0125700420 199.76005628 .18074 .0197301967 .0079400732 199.76005628 .18776 .0197301967 .0079400732 399.76005624 .19622 .02676 .0752207032 2 CN CA CLN CY CYN COL -99.65007190 .16781 .02662 .0061700707 .0071655907190 .16781 .02662 .0061700707 .0071655907190 .16781 .02662 .0061700707 .0071655907795 .16716 .02643 .0574600707 .00713 199.67907244 .16716 .02657 .00746 .00707	100.510	670.590	06419	.18562	.02536	61100	.00174	•	. 00394	-4.53210	00064	2
2 CM CA CLM CY CY CYN COL -100.18003540 .19032 .0164702147 .012370042013603645 .19032 .0164702147 .012370042013603637 .18946 .0227401967 .0079400032 199.78005628 .18716 .0197301964 .0079400032 199.7800564 .18622 .02676 .0075200704 .00732 2 CM CA CLM CY CYN CM CM CM CM CM CM CM CM CM CM CM CM CM			PUN NO.		L = 6.90							
-13005540 .19032 .0164702147 .012570042013606165 .19076 .0227401967 .0059600032 191.22005637 .19976 .0227401967 .0079400032 199.76005637 .19976 .0197001764 .0079400032 399.76005634 .19672 .02676 .0057200709 .00132 2 CN CA CLM CY CYN CDL -99.85007109 .19741 .02662 .0061700007 .0001695907075 .19716 .02631 .051400707 .0001695907075 .19716 .02631 .05140 .00707 .0001695907075 .19716 .02954 .00707 .00708	•	~	3	5	ð	b	ž	ŧ	CLTALF	Q. 757A	×	
136	199.003	-120.100	55540	19032	.01647	52147	76210.	00420	.01469	-4.50120	99336	<b>9</b>
191.22905637 .10946 .(2200301557 .0079400152 199.76005626 .10716 .019730164 .0072600142 399.76005654 .10622 .(22676 .0522200709 .01132 2 CN CA CLM CY CYN CDL -99.85007193 .10710 .(22652 .0061700007 .00016 05907075 .10710 .(22652 .0061700707 .00016 05907075 .10710 .(22652 .0061700707 .00016 05907076 .10670 .(22642 .0061700707 .00016 05907076 .10670 .(22642 .0061700704 .00716	200.003	<b>.</b>	06165	19074	. 12227.	01987	99600*	00032	.01299	-4.08629	06663	2
2 CN CA CLM CY CONTROL - 001964 - 001964 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001042 - 001044 - 00104	189.000	121.121	05637	.18946	Sucar	91557	A\$450°	92052	24566	-3.99030	11714	<u>~</u>
2 CN CA CLM CY CONTO00132  RUM NO. 25/ 0 RUL = 6.30  2 CN CA CLM CY CYN CBL -99.8500710018712862076170700707031 99.25607107187128637614070707031 199.67007104871871029547640070607760	186.700	133.760	05628	.18716	01970	-,01064	92,00	00042	.01377	-3.99775	018	٧
#UN NO. 25/ 0 RUAL = 6.50  2 CN CA CLM CY CYN CDL -96.85007109 .18781 .02662 .0061700007 .0001685907109 .1878 .02641 .07614022*7 .00031 99.23607107 .18696 .02637 .0070002042 .0003* 199.67007248 .18671 .02954 .004007206 .00760	14.73	37.769	79690"-	.10622	.02076	22800	6000G*-	.0013 <b>2</b>	.91447	4,99579	06360	S
2 CN CA CLM CY CYN CDL -99-85007100 -18781 -02662 -0061700007 -00016 95907175 -18718 -02651 -0761400007 -00016 99-29607076 -18696 -02697 -0071000002 199-67007248 -18571 -02954 -0044000206 -00740			9									
-99-85007100 -1878 -02842 -0081700007 -00016 95907075 -18718 -02831 -0761400077 -00031 99-23607076 -18696 -02837 -0004000042 199-67007248 -18571 -02954 -004000206	•	~	5	3	3	5	£	ŧ	Q.TALF	CL.781A	×	
85907075 .18718 .02631 .0761400047 .00031 99.23607076 .18696 .02637 .0070600062 199.67007248 .18671 .02954 .0044000096	400.190	-69.850	97199	10/01.	. (Ze622	71900	10000-	91000	01175	-3.97910	231	5
99-23607076 ,18696 ,02637 ,0570002042 ,0003* 199-67007246 ,02560 ,00050	900'000	959	2.0707-	.16718	.fize31	.07614	7.306	18000	.06175	-3.96620	17363	15
199-679 07244 18571 02954 078-67	400.300	\$2.24	97076	.18696	.ree37	00250	<b>29</b> 000'-	.0003	.94737	-3.96485	1351	•
	24.75	199.679	**********	.18571	12954	03960	90200	1307.60	.02245	-4.00090	051	
07365186770306902520252	340.635	150.150	07365	.18677	•900gu	51600	.0.x		06100	-3.99390	12733	ŭ

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8 (1487) -OLETIS
EDC/WASEB (1
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		ACTENENCE DATA	_						2	PARAMETRIC DATA	Y	
20 : 20 : 12 : 20 : 12 : 20 : 12 : 20 : 20	2550 0000 56.FT. 1290 3000 14042 1296 3000 14042 -0100			1087.0000 IN. XT. 2000 IN. XT. 450.0000 IN. ZT.				A PARTY X	* * * * * * * * * * * * * * * * * * * *	4.382 2.400 300.000	PYOTL S BETA : CBETA :	100.900 .000.
		\$	<u>9</u> 5	28, 0 mm.	BV. = 6.46							
100.900	7		20	CA .1 <b>993</b> 5	CLN .91778	5 - S	CYN .01106		01.TALF .02009	D. 78 7A		: 508
#1.74 10.354 196.385			98096 98796 05144	20041. 20041.	. 126143 . 12156 . 1716	02135 01491 00893	<b>57.600.</b> <b>5.000.</b> <b>9.15</b> 00.	00032	308 rg. 3105g. 8100g.	2.963 5.943	299. P9000 2009. P9000 2009. P9000	000
101.86		•	96487 NH NC.	7881. 798 0 /85		<b>69</b> 100.	96100	,00146	06765	-4.05450		V009
•			3	5	3	b	Ē	ŧ	OLTAL!	Q.18.14	×	
201.230	•		986 98180	10041.	<b>35</b> 520.	01967	.01373	00289	. DIE16	52.50.77 53.50.77	00086.865	0000
19.67	# .557		.05403	91691	.01789 2710	01356	90900.	00100	.06499	4.01400		0006
107.67			.0.703	13821	09060	17600.	0245	21100	0.09466	-3.91470		000
		3	2	307 S RML	. 6.47							
•	~		3	3	3	5	Ē	ಕ	CLTALF	Q. TBTA	×	
400.730			.07121	.16779	. 02874	.0769	91100	71000	.01150	-4.91539		000
24.35		_	21.0.	.10743	-	01000		.000 <b>56</b>	5X10.	-3.98790		000
60.280	20.530		07217	.10711	27000.	200. 200. 200.	0212 07867	08000.	60000.	7.932	299.90000	9000
396.749		.=	.07369	.10665	22580	96800	02857		02038	-3.97525		936

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BATE 29 MAY 79	•			1487	1487 TABULATED SOURCE DATA	JOURCE DATA				PAGE 9
			AEDC/VA52	28 (1 A87) -OL	AEDC/VAS28 (IA87) -OLETISI-ORB/ET W R/H SRB SEPAR.	TWR/H SRB	SEPAR.		(RTUDD9)	( 03 OCT 74 )
	REFERENCE DATA	1TA						PAR	PARAMETRIC DATA	2
SAEF = 2690. LREF = 1290. BREF = 1290. SCALE =	2690.0000 90.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP = ZMRP =	1097.0000 IN. .0000 IN. 450.0000 IN.	N. Y. Y. Y. Y. Y. Y. Y. Y. Y. Y. Y. Y. Y.			MACH ALPHA DALPHI X	8 """	4.529 PTOTI 400 BETA 5.000 DBETA \$00.000	PTOTL = 100.590 BETA = .000 CBETA = .4.000
		RUN NO.	337 D 782	N/L = 6.51						
÷ 3	2	3	5	CLN	Շ	Š	ĕ	CLTALF	OLTBIA	×
101.460	515	.06393	1.0933	.02534	02305	01010.	00057	5.00510	-3.98320	299.77000
769.86	100.280	05536	.18956	.0201	20600	.00388	00092	4.99400	-3.97219	299.78000
99.910	199.630	05859	.18689	.02211	00530	.00248	90000	5.99769	-4.00950	299.82000
192.219	491.629	06769	.18604	.02672	. 0.0469	.00028	.00134	4,94950	-4.07349	299.76000
		RUN NO.	32/ 0 RN/L	T = 6.51						
<b>&gt;</b>	2	3	5	3	ა ე	Š	ē	CL TALF	AT 87.40	×
196.780	-100.149	06441	.18930	.02418	01916	.0.244	00046	5.00550	-3.96530	299,73000
198.160	1.235	:06162	.18972	.02302	01490	92600.	.90037	4.96075	-3.95250	299.75000
196.749	191,979	05283	.18865	.01698	91232	.00844	00137	4.95945	-3.95560	299,69000
199.590	200.130	06215	.18568	.02303	00544	.00536	.00064	4.97380	-3.99760	299,76000
199.730	399.579	97425	.18687	.03085	.00914	00264	51100.	5.01980	-4,00199	300,020,00
	•	RUN NO.	317 D RN/L	L = 6.47						
•	2	3	5	5	Շ	S	<sub>ල්</sub>	CLTALF	C. 78 TA	×
399.860	-100.780	97166	.18739	00620.	.93788	00153	.00032	5.03860	-3.97779	299.89000
400.660	763	97151	.18728	.02895	. 00620	00178	.60030	5.04510	-3.99940	299.89000
490.650	99.131	07325	13690	.03013	.05873	00242	.95582	5.04890	-4.00950	299.95000
400,000	199,700	97391	.18588	. 93971	.00892	00254	.00109	5.01460	-4.00120	299,64000
400.650	399.880	07498	.16791	93078	96800.	00259	.00111	5,00730	-4.01089	9.90000

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SOURCE	
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1A87 TABULATED SOURCE DATA	AEDC/VA528 (1A87) -O1ET151-ORB/ET W R/M SRB SEPAR. (RTUDIO) ( D3 OCT 74 )	PARAMETRIC DATA	MACH = 4.520 F:OTL = 190.500 ALPHA =400 BETA = .900 DALPHA = 5.000 CBETA = -4.000 X = .000		CY CYN CBL DLTALF DLTBTA X	4.99430 -3.96990 -	0008400046 5.01650 -4.01010	00141 .00011 5.01290 -4.05720	01153 .0008800076 5.01600 -4.0130007860	.0243602006 .00135 5.01340 -4.0173014856		CY CYN CBL DL7ALF DL781A X	02055 .0103100047 5.08950 -3.9739007541	01819 .00862 .0019 5.04450 -4.0467004586	01210 .0.63900010 5.05400 -4.07300 .06633	.000300013	.0063000078 .00128 5.03030 -3.9461013852		CLTALF	CYN CBL DLTALF DLTBTA 65900055 .00048 5.00530 -4.01590 -	CYN CBL DLTALF DLTBTA 659 070055 . 070048 5.00530 -4.01590 653 070053 . 07059 4.98450 -4.04890	CYN CBL CLTALF CLTBTA 659	CYN CBL DLTALF DLTBTA 65900055 .00048 5.00530 -4.01590 65300053 .00059 4.98450 -4.01690 742000112 .00058 4.99770 -4.01350 87707244 .00093 4.99080 -3.98090
	AEDC/VA		= 1097.0000 IN. = .0000 IN. = 450.0000 IN.	34/ D RN/L	3	.18813	.18752	.18888	19997	.18614	33/ D RN/L	ర	.18950	.19006	.18895	.18679	.18618	2 7 3 1		1578	8731 9687	8731 8687 8685	8731 9687 9685
		DATA	XMRP YMRP ZMRP	PEN NO.	8	07164	97947	06352	05251	06729	EN NO.	3	06512	06066	05735	05968	97971	S.	3	ON 97151	CN 57151 57114	CN 07151 07114 07192	CN 07151 07114 07102
•		REFERENCE D	2699.0000 34.FT. 1290.3000 INCHES 1290.3000 INCHES		~	-99.965	538	99.6¢	199.450	399.540		7	-191.799	-1.285	96.812	199.820	399.020		~	2 -199.189	2 -199.189 -246	2 -190.189 -246 199.399	2 -100.189 .246 100.390
CATE 20 N. 75			SACT = 2699. LREF = 1290. BREF = 1290. SCALE =		٠	910.016	100.330	99.656	199.469	100.390		>	199.660	200.790	291,893	199.330	196.379		>	Y 499.699	γ 400.690 400.980	7 499.699 499.980 499.049	400.690 400.900 400.900 300.000

0ATE 20 MAY 75	_			1467	IABY TABULATED SOURCE DATA	CURCE DATA				PAGE 11
			AEDC/VAS2	8 (TAB7) -01	ET181-088/E	AEDC/VAS28 (IAB?) -OIETIS1-ORB/ET W R/M SRB SEPAR.	SEPAR.		(RT0011)	( 03 001 74 )
	NEFERENCE DATA	¥						PAA	PARAMETRIC DATA	
SKEF = 2000,0000 LREF = 1290,3000 BREF = 1290,3000 SCALE = 0100	.0099 84.FT. .3090 INCHES .3990 INCHES	YARP T	1997.0000 IN. .0000 IN. 450.0000 IN.	X X X X X X X X X X X X X X X X X X X			A A O ×	MACH E ALPHA E DALPHA E -	4.529 PTOT. 400 BETA -5.000 CBETA	1, = 100,500 1 = .000 1, = -4,000
		FUN NO.	39/ D RWL	L = 6.51						
>	~	3	5	ð	Շ	Š	ŧ	OLTALF	CL TB TA	×
99.593	.142	03032	19061.	00438	04371	92600	00967	-4.97230	-3.99070	18436
8.419 10.62 10.63	9.975	05758	11991.	. ::2:179 ************************************	04064	.00874	00296	4.98210	-3.96330	16789
101.510	491.739	05852	.18575	.02285	00638	.00526	.00166	-5.06090	-4.07160	(2445
		RUN NO.	36/ 0 RM.	L = 6.49						
•	~	3	ే	ð	5	Š	ಕ	OLTALF	DL.TBTA	×
199.670	159	03307	19184	.00048	02684	.01542	00655	1.98950	-3.99880	26377
196.670	99.765	05361	.19096	.01788	-, 02124	.01100	00138	-5.02420	-3.99570	20509
196.300	200.330	04785	.18658	.01393	01675	06600.	00208	-4.99700	-3.97520	17426
199.420	399.670	06742	.18575	. <b>1266</b> 5	.00176	.00203	.99147	-4.98450	-3.99730	05676
		RUN NO.	37/ 0 RN/L	L = 6.49						
<b>&gt;</b>	~	3	5	3	Շ	Š	ಕ	OLTALF	CL TB TA	×
401.970	.239	06879	.18815	.02692	.00480	.00108	-,00046	-5.01990	-4.02820	07267
409.250	96.671	06933	.16725	.02724	.00577	.0001	-,00013	-4.92530	-3.96610	24235
400.870	199.480	97117	.18678	.02852	.90753	00133	.00026	-4.96190	-4.00650	19565
499.915	400.970	97375	.18669	.03069	.00918	00263	.00113	-4.99660	-3.99730	15224
			AEDC/VA\$2	8 (1 A87) -O1E	.T1S1-0R8/E	AEDC/VAS28(IA87)-OLETISI-ORB/ET W R/M SRB SEPAR.	SEPAR.		(RTUD12)	( 93 OCT 74 )
_	MEFERENCE DATA	2						PAR	PARAMETRIC DATA	
- 2000			M. 0000 2001	\$			3	,		
	1296,3700 INCHES		1 0000				¥ 4	o 64	4.320 FIGH	000
	1290.3000 INCHES	Ziele					ਰ ,			7
•							*	e H	509.188	
	-	RUN NO.	407 0 RN/L	6.48						
•	~	3	3	CLN	٠ ئ	ž	ŧ	CLTALF	OL TB TA	×
99.430	197	04556	.19044	.91021	02447	.01210	00399	-4.96790		299,76000
97.196	20.161	95344	19006	.01745	02279	.01083	90159	-4.96550		299.65000
100.470	200.440	04555	.18764	92510.	01808	85600°	00255	-5.91079		299.94000
616.651	399.630	•.:e::	.16549	90620	(%)341	2977	. 03164	-4.98150	-4.00060	299.66000

AEDC/VAS28 (IA87) -OIETISI-ORB/ET W R/M SRE SEPAR.

(RTUD12) ( 03 OCT 74 )

REFER 2690.0000 ( 1290.3000 ( 1290.3000 ( 1000.3000 (
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		RUN NO.	41/ D R	RN/L = 6.49						
<b>&gt;</b>	~	3	3	3	Շ	Š	ඒ	DLTALF	CLTBTA	
200.490	-1.100	05121	.19064	.01459	02018	.01320	00349	4.94000	-4.01950	299.81000
199.510	99.625	05249	18961	.01676	01613	71010	96149	-4.9978D	-3.97130	
199.390	199.860	04844	.18701	.01341	01458	91010.	00238	-4.98980	-3.98110	•
199.950	399.940	07231	.18592	.02955	.00766	00155	.00120	-4.99050	-4.00440	• •
		RUN NO.	48/ 0 E	EV. = 6.49						
<b>&gt;</b>	~	3	5	ð	Շ	ž	ਵੱ	CLTALF	OL TBTA	
499.350	086	06959	.16751	.02755	.00738	00102	-,00032	-4.98680	-4.01269	299.91000
109.020	100.120	07154	.18714	.02661	.00642	00195	.00025	-5.00230	-3.99110	
399.340	199.460	97392	.18685	.03068	.00093	00262	.99112	-4.96560	-3.96800	
359.200	400.360	07392	.18684	.03071	60600*	!!!264	.00113	-5.92199	-3.97440	•••

PARAMETRIC DATA	MACH = 4.520 FTOTL = 190.599 ALPHA =400 BETA = .999 CALPHA = .900 SBETA = -8.990 X = .900
REFERENCE DATA	SMEP = 2690,0000 34,FT, XMEP = 1097,0000 IN, XT LREP = 1290,3000 INCHES YMEP = ,0000 IN, YT BMEP = 1290,3000 INCHES ZMEP = 450,0000 IN, ZT SCALE = ,0100

(RTU013) ( 03 OCT 74 )

AEDC/VA528 (IA87) -OIETISI -ORB/ET W R/M SRB SEPAR.

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	•	5	5	E,	ל	25	9	֚֡֝֝֟֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֟֝֓֓֓֓֓֓֡֓֡֓֓֓֓֓֡֓֡֓֡֓֡	₹ 0 3	×
•	-199.039	04010	.19028	.00492	04464	.02358	00672	96600	-8.00860	30851
	198	95217	.1928	.01558	94698	.02245	90217	.01369	-8.00279	31868
	101,480	04868	.19056	.01604	03436	.01585	00541	06522	-7.96247	24570
	199.800	94479	.18737	.01309	01865	98600.	00172	.01200	-8.90179	17443
	399.785	96725	.18581	.02654	.00283	.99125	.99149	.91264	-0.51215	(19657
		RUN NO.	437 0 RN	RN/L = 6.51						
	2	3	5	Ç	Շ	Š	ਵੱ	CLTALF	CLTBTA	×
	-99.722	56457	.18815	.02378	.00060	.00405	99183	00053	-7.95319	26551
	-1.932	96571	.18688	.92467	.90279	.05224	00084	.97552	-7.98769	27331
	99.504	06895	.18654	.92697	.99438	06030*	01666	.03514	-6.51429	19894
	199.330	97117	. 18648	.52847	.66797	99193	.00046	.94596	-8.05050	.01645
	499.279	57400	.18669	.93971	.99914	0267	71100	חמינים	7 00000	11167

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DATE 20 MAY 75	_			1467	IAB7 TABULATED SOURCE DATA	DURCE DATA				PAGE	13
			AEDC/VA528	1 (1 AB7) -O1E	ET181-088/E	AEDC/VASZE(IABT)-OLETISI-ORB/ET W R/M SRB SEPAR.	SEPAR.		(RTU014)	( 83 OCT 74	-
	MEFERENCE DATA	<b>4</b>						PAR	PARAMETRIC BATA	<b>*</b>	
SAREY = 2000. LREF = 1295. BREF = 1290. SCALE = .	2660.0000 34.FT. 1290.3006 INCHES 1290.3000 INCHES		1097.0000 IN. .0000 IN. 450.0000 IN.	***			HACH ALPHA K X X	<b>સ</b> યામામ	4.529 PTOTL 499 BETA .099 CBETA 300.999		100.500 .000 -8.000
		RUN NO.	45/ 9 RN/L	. = 6.51							
•	~	3	5	5	5	8	<b>e</b>	DLTALF	CLTBTA	×	
203.450	-101.095	05079	.18921	.01374	03104	.01951	00409	90520	-6.07369	399.14999	
201.280	256	05555	.18914	.01855	12738	74188	00122	06290	-6.02380	299.94000	
200.840	199.800	04772	.19614	.01323	01537	51010.	90186	.01665	-7.992 <i>8</i> £	299.76000	
200.030	399.940	07252	.18583	. n2974	. 997DD.	-,00185	.55116	. 177498	-8.04670	299.95000	
		RUN NO.	46/ D RN/L	. = 6.49							
>	•	3	3	*	Շ	Š	ម	CLTALF	CLTBTA	×	
- 92	210	- 06776	S AND S	10617	177644	- inne	59085	.01289	-8.03140	300,05000	
30.010	-120.619	1000	18714	02637	.95741	00156	17000	.03002	-7.96639	299.85000	
20.000	0.00	07133	1,18671)	17897.	0.00820	-,95194	.00020	.00638	-8.00860	299.88000	
796.910	200.670	97377	18662	.03066	.00860	00257	.00119	03586	-7.98370	299.82000	
397.770	400.110	57362	.18675	.03068	.05884	GR257	.00110	99431	-7.91819	299.65000	
			AEDC/VA520	8 (TAR7) -CII	ET1S1-ORB/E	AEDC/VA328 (1AR7) -CIETIS1-ORB/ET W R/H SRB SEPAR.	SEPAR.		(RTU015)	( 93 OCT 74	~
	REFERENCE DATA	¥7						FAR	PARAMETRIC DATA	€.	
	Seen mm to FT.	dgu	1047 COOL TW.	<u> </u>			¥04	"	4.520 PTOTL	**	100.500
1 11			.0000 IN.				ALPHA	#		11	98
H H	1290.3000 INCHES	ZMEP =	450.0000 IN.	<del>ا</del> ۲			CALPHA	, ii	5.000 DBE	CBETA = -1	-8.900
		RUN NO.	46/ 0 RN/L	L = 6.47							
	ı	į	;	;	3	ð	ŧ	2	2	>	
•	2	CN .	(A	ָרָאַ פּאַנייּ	410ku -	01782	-,00140	5.00620	-7.97719	299.57000	
	1.327	05614	18919	9166	02466	.01362	.00015	4.94149	-7.93360	299.41500	
199.160	101.079	04850	.18072	.51489	01762	101037	99142	4.95631	-7.94079	299.79000	
199.620	200.190	05408	.18548	07710.	01191	.99784	00038	4.98690	-7.96870	299,78000	
200,400	399.640	97377	.18641	.03056	76800	-,00255	.50116	5.01150	-8.00459	299.96000	

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(RTUD15) ( 03 OCT 74 )

PARAMETRIC DATA	MACH = 4.3E0 PTOTL = 190.500 ALPHA =450 BETA = .000 DALPHA = 5.000 CBETA = -8.000 X = 300.000
ľ	XMMP = 1097,0000 IN. XT  YMMP = .0000 IN. YT  ZMMP = 450,0000 IN. ZT
HEPENENCE DATA	JF R 2000,005,30,FT. DMRP R I JF R 1290,3000 INCHES YHRP R JF R 1290,3990 INCHES ZHRP R NEE . 0100

	99996
<b>,</b>	7500 8600 8800 8800 8800 8800
	x 299,75000 299,96000 300,33000 299,82002
PTOIL BETA CBETA	
	DLT8 TA -7.944 60 -6.022 70 -7.999 30 -6.060 20
4.3%0 490 5.990 900.000	-
Š	<b>78</b> 28 8 27
	0LTALF 5.04020 5.04520 5.02690 5.05350 5.00710
ALPHA DALPHA X	gn en en en en
1 4 2 ×	CBL 00041 .00002 .00053 .00111
	•
	CYN 00103 00263 00268 00268
	CY .00746 .00769 .00890 .00890
	•
ttt	CLM
zżż	· Banana
888	\$ 4 7 4 8 8
888	CA 118754 118707 118663 118689
= 1097.0900 IN. XT = .0900 IN. YT = 450.0000 IN. ZT	A A S S S S S S S S S S S S S S S S S S
	. 82788
7 4 6	CN CN06908072340723407393
39.FT. INCHES INCHES	9 2 2 2 2
3 7 7	2 -100.750 817 99.443 196.860
2690.0051 1290.3000 1290.3000 1000.0031	21- 61-
2 2 2	88888
<b>833</b>	7 396.970 400.570 399.060 401.410
SCALE	****

¥ ¥ ¥	AEDC/VAS26(1A87)  DATA  . XMRP = 1097,0000 IN. XT  .S YMRP = .G700 IN. YT  S ZMRP = .450,0000 IN. ZT	METERBACE DATA MET = 2690.0000 90.FT. XMRI MET = 1290.9000 TACHES YMRI MET = 1290.9000 TACHES ZMRI
* * * N	8 · n n	REFERENCE DA 1890, DOND SQ.FT. 1890, SOND TRONES 1890, SOND TRONES

(RTUD16) ( 03 OCT 74 )

Lagr	Z 53	890.0000 Se.FT.	MAC P	1097.9991	×.×			Ě	, E		, .
### 1290-3000 INCHES ZMRP = 450.0000 IN. ZT  #### 2	1967 # 12	PSO. 3000 INCHES	YME	1 0000	TY X			₹	" ¥		H
The color of the	21 = 12	290.3000 INCHES	ZMRP ==	450.0000 1	ř. 2			DYO	# ¥		••
Z         CN         CA         CLM         CY         CYN         CDL BLAF         DLTALF         DLTBTA           -100.170        05781         .18975         .01846        04659         .02274        00169         5.0110         -0.02200          255        05667         .18969         .01766        03511         .01496        00169         5.0110         -0.02200           199.790        05607         .18698         .01766        01294         .00053        00002         5.01190         -0.02710           199.790        05607         .18698         .01766        01294         .00033        00048         5.01190         -0.00710           199.790        0591         .01277         .00053        00048         5.00050         -7.99990           199.290         .01766        01294         .00137        00132         5.00690         -7.99510           109.300        0670         .00135        00132         5.0060         -7.99510           109.300        0670         .00133         .00133        0020        0020         -7.99510           109.300        06673         .18661         .02743         .000	SCALE ?	.0100						×	<b>#</b> 1	000	
Z         CN         CA         CLM         CY         CVN         CBL         DLTALF         DLTALF <td></td> <td></td> <td>_</td> <td></td> <td>7 = 6.4¢</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			_		7 = 6.4¢						
-100.170 -105731 18975 101846 -104639 102274 -100169 5.01110 -6.022.00 -7.99940 -1.05675 19000 10766 -1.03511 0.01496 -1.00002 5.00900 -7.99940 -7.99940 -1.05601 1.05601 1.05601 1.01496 -1.00002 5.00000 -7.99940 -7.99940 -1.05601 1.05601 1.05601 1.01496 -1.00002 5.00000 -7.99940 -7.99940 -1.05601 1.06501 1.06501 1.0626 -1.0004 5.00130 1.05990 -7.99900 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990 -7.99990	•	•	č	5	ð	Շ	£	ਵੱ	D.TALF	OLTBTA	×
-235 - 05675 - 19000		-	.04741	18975	.01848	-, 04659	.C2274	00169	5.01119	-8.02200	1754
99.766 - 05060	3 004		05675	19000	.02035	03511	.01496	-,00002	5.00900	-7.99940	21377
199-79005207 .1869A .0176601294 .007330046 5.0050 -7.92510 399-54006941 .18626 .02777 .0050700132 5.00600 -7.92510 399-54006941 .18626 .02777 .0050700132 5.00600 -7.92510 2 2 CN CN CA CLM CY CNH CBL DLTALF DLTALF DLTALF .0181A			08080	18989	91176	120191	.00665	-,00054	5.01150	-8.00710	33735
399-54006941 .16626 .02777 .0050700510 .00132 5.00600 -7.92510 atua no. 507 0 RN/L = 6.49  RUN NO. 507 0 RN/L = 6.49  -105.30006760 .18673 .02686 .00271 .0023800041 5.00420 -9.01240 .0023800041 5.00420 -9.01240 .00343 .001343 .00132 4.97460 -9.01370 .001340 .001343 .001343 .001343 .00137 4.98600 -7.99670 .001340 .00137 4.98600 -7.99670 .001340 .00133 4.97260 -7.99670 .001340 .00133 5.01160 -9.00200	14 CO2		05207	1.869.8	.01766	91294	.00753	00040	5.00759	-7.99990	25625
#UN NO. 50/ 0 RN/L = 6.49  Z CN CA CLM CY CYH CBL DLTALF DLTBTA -170.39570678 .18651 .02626 .00343 .05152 .00041 5.004206.01240 -133506673 .18661 .02696 .00343 .05152 .07018 4.974606.01570 110.18006473 .18644 .02733 .00033 .00027 4.98690 -7.99250 EPD.34007186 .18619 .02913 .0074300139 .00073 4.97280 -7.98670 S86.66007389 .18676 .03060 .0009700263 .00113 5.01160 -6.00020	¥.		06941	1,16526	.:277	70500	00010	.00132	\$.00600	-7.92510	35599
2 CN CA CLM CY CYH CBL DLTALF CLTBTA -100.300106470 .18673 .02626 .00341 .0023600041 5.00420 -8.01249 .331506473 .18661 .02696 .00343 .00527 4.97460 -8.01579 1100.1801095440 .18644 .02733 .00743 .00527 4.98600 -7.99259 E00.34007186 .18619 .02913 .0074300139 .00973 4.97289 -7.98679 389.58007389 .18676 .03069 .0009700263 .00113 5.01169 -8.00020			ACN NO.		r = 6.49						
-100.390106780 .18673 .02626 .00343 .05152 .00041 5.004208.01249 .33506873 .18661 .02696 .00343 .05152 .00018 4.974608.01370 109.180105840 .18644 .02735 .00488 .00533 .00527 4.98600 -7.99280 203.180107186 .18619 .02913 .0074300139 .00073 4.97280 -7.98670 384.68007389 .18676 .03060 .0087700263 .00113 5.01160 -8.00280	•		3	3	¥	č	Ē	ಕ	CLTALF		×
.33506873 .18661 .02696 .00343 .05152 .02018 4.97460 -8.01570 109.18005840 .02040 .00053 .02027 4.98600 -7.99250 200.180 -0.07186 .18619 .02913 .0274300139 .00073 4.97280 -7.98670 389.68007389 .18676 .03060 .0009700263 .00113 5.01160 -8.00020	. 67		- 76780	11673	12626	.00271	.00238	90041	5.00420		.01166
1109.180105940			27890	18661	9696	.00343	55150.	91000	4.97460		25159
E01.34007186 .18619 .02913 .0074300139 .00073 4.97280 -7.98670 see e007389 .18676 .03060 .0087700263 .00113 5.01160 -0.00280			08840	19644	.02735	.99488	.00053	.00027	4.98600		22215
03000.0- 031100 51100 0300000 0300000 0300000 0300000 03000000			07186	18619	52913	.90743	00139	.00073	4.97280		31388
			90520	18676	.03060	76900	00263	.96113	5.01169		54477

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2	N F N			<b>4 8 5 8</b>
REFERENCE DATA	.3000 34.FT3000 INCHES .3000 INCHES	2.462 99.821 201.040 399.660	28. .527 99.041 99.99.99	METERENCE CATA DOTO SA.FT. 9000 INCHES 3000 INCHES
	94C = 5690,0000 LACT = 560,5000 0005,0651 = 750,5000	v 201.105 01.105 197.420 050.003	400.390 400.130 401.070 396.400	MET'S 2000,0079 LMET'S 1290,3070 BMET'S 1290,3070 SKALE 3 .0100
			ORIO OF P	GINAL PAGE II OOR QUALITY

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195.399 .909 -8.999

(RTUB17) ( 93 OCT 74 )

AEDC/VAS28 (TART) -OIETISI-ORB/ET W R/H SRB SEPAR.

IABY TABULATED SOURCE DATA

DATE 25 MAY 75

PARAMETRIC DATA

PAGE 15

94CF = 2690.39 LAGF = 1290.39 SCALE = 3	2690.0000 54.FT. 1290.3000 INCHES 1290.3000 INCHES .0100		1097.0000 IN. .0000 IN. 450.0000 IN.	N N N N T T T			₹₹ã×		4.520 PT 450 BE: -5.000 DBU	PTOTL = 1991.598 BETA = .009 BRETA = -8.999
		EW NO.	52/ 0 RM	RN'L = 6.48				,		
<b>&gt;</b>	~	8	5	E.	5	Ē	ð	OL TALF	OLTB TA	×
201.390	797	00186	19191.	12244	05261	787.87	01161	-4.96730	-6.02910	39794
201.610	99.621	94136	.19054	.00661	D4916	.02433	00320	4.99170	-8.31\$10	30535
197.620	201.040 399.660	05759	.18887	.02262	03602	.01870 .00585	.00170	-5.04940	-7.94470 -6.00470	32457
		PEN NO.	51/ D RN/L	ハ = 6.49						
<b>&gt;</b>	~	3	5	<b>X</b>	5	Ē	ē	2 44 7	2 TBT 42	*
400.390	725.	05362	.18803	90810	2000	.00467	07488	-5.00450	-7.99970	10482
490.130	98.041	96304	19693	.02235	.05272	17244	77100-	-4.92890	-7.9752g	30318
491.973	199.430	96923	.16593	90750	.07565	90006	50002	-4.95620	-8.03620	.06548
396.925	399.990	07491	.18631	.63062	.00912	00270	\$1100	-4.997Sn	-7.97739	29148
	REFERENCE CATA	17.4						PAR	PARAMETRIC GATA	<b>*</b>
2002 × 2000	2660.0000 56.FT.	des	1097,0700 IN.	IN. XI			Š	**	4. szg. FTOT	100 - 100 E
●.		YARRE	. 0000				*	. 11		1 14
* *	1290.3000 INCHES	27.67	450.0000 IN.	IN. ZT			₹ ×	""		7
		RUN NO.	537 D RN/L	ሊ = 6.48						
•	~	3	5	ğ	ځ	Ē	ŧ	2 TAL	C. 18 TA	×
203.170	362	03749	.18964	. 90459	03236	.01964	05337	4.95400	-6.03019	399,05930
200.630	192.64	94715	.18817	.01329	12649	.91544	00187	4.96610	-7.97.50	299.73000
199.690	199.940	94121	.18639	26900	:2130	.01329	0305	-4.99520	-7.97500	299.75000
200.430	399.779	96917	.14526	.02732	.07466	.99541	.00133	-4.98550	-7.99850	299.75000
		RUN NO.	547 D RWL	L = 5.47						
•	~	3	3	Ť	ځ	ž	é	CLTALF	C. TBTA	×
399.769	074	06500	.18756	.02308	.00630	90008	90176	4.99000	-6.00260	299.90000
396.290	99.7A2	06693	. 18649	.(2671	99700.	90142	-,00063	-4.96775	-7.95340	299,66000
396.660	139.450	97361	.18636	SUSTAB	.00095		.00109	-4.97025	-7.98050	299.65000
397.730	499.319	97365	.18643	.03952	10900	99200*-	.00114	-5.02050	-7.94110	299.67900

AEDC/YA528 (1487) -OLETIS1-ORB/ET

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93 OCT
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(RTUD19)
SEPAR.
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SALE = 1290.	2490.0000 34.FT. 1290.3000 IKCHES 1290.3000 IKCHES .0100	# # # # # # # # # # # # # # # # # # #	TX -NI 0000 1N- XT .0000 1N- XT .0000 1N- XT	* * * *			MACH ALPHA CALPHA X		4.320 400 .000	PTOTL BETA CBETA	190.390 2
		G MO	36/ D RN/L	L = 6.49							
•	•	ð	5	N D	S	£	ಕ	OLTALF	CL. 78 TA		×
	,	2000	1657	ACUNIO	10000	-,00292	.99114	.03492	00761		19696
20.705	- 418	000	0.18570	12967	50,600	00294	78100.	57610.	02490		14841
				2000	CONCU	06200-	.00160	.01739	.01612		23579
200.00		07477	18559	71050	.00652	07243	.90123	01049	.55783	Ť	22997
-399.730	490.019	97551	.16549	.03062	90800	00216	69000	.00557	.005 3.6	-	25452
		RUN NO.	57/ D RN/L	ו = 6.49							
,	•	5	3	3	5	ž	ಕ	CLTALF	DL TBTA	2	×
- :		01010	3629	F.26.7.6	21.90	01266	07500.	.01459	01729		27911
-196.99	691.001-	88030	2.01.	19960	PASS	01242	.90224	.03028	. On 42		21134
-20.02	21.1	9369:	1000		0 % Z 0 L	1010	1000	(12817	20345		23931
-196.630	190.040	57000	. 1695	90120	21010	17,420	200	93142	01717		22659
-199.065	200.750		7675	10000	87010	16000	92000	9719	- 76139	Ī	21305
F16.761-	CCC 13.4	30.									
		RUN NO.	567 G RN/L	T = 6.49							
>	^	3	3	3	ځ	ž	ŧ	CLTALF	CL TB TA		×
1 PE	-101.220	56600	.18733	.02066	66070	01035	.00633	.05864	05602		17963
100.00	960.	57331	.18727	.02751	.63983	00779	.m396	.01213	072.06		17193
-44.455	16.8	9691	.1882	90920	.03622	00761	.00256	.01246	00648		15586
-190.859	200,040	95692	.18862	. (2277	.63115	-,00890	.00309	.99471	.01.59		23617
-99 965	499,749	6.690	.16513	.02773	.01376	00529	.00070	02485	.í24 56	9	.201472
		RUM NO.	597 O RN/L	∩ = 6.50							
3	•	ð	5	j	Շ	Š	ಕ	DE TALF	OLTB TA		×
- 7		0474	1.0666	600a0	Spren.	0000	.00479	00071	.03596		06414
		0760	16561.	12897	.03164	00105	29500	201795	99040.		13017
		0000	1960	73206	12896	99133	90200	03639	06636	36	59923
		28480	18756	12932	05620	00345	.00285	.02577	923.87		19826
3.6.0											

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## TABY TABULATED SOURCE DATA

PAGE 17

(ATUDEO) ( 03 OCT 74 )

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						AEDC/VAREB (TABY) - OLET181 - ORB/ET W L/H 348 3EPAR.			(ATUDEO)	2
		ACTOR.	NETENENCE DATA	2				_	PARAMETRIC DATA	CATA
Ž	•	2000.0003	<b>2.7</b> T.	S C C	M	SAEF : 2000.0000 54.FT. XMMP : 1007.0000 IN. XT	ě.		4.520	10
٢	**	1295.3900	1XC	A SE			ALPHA =		400	BETA
	•	1299.3000	INC. NES		H	r 450.0000 IN. 21	CALPHA =	**	000	5
SCALE =	H	0016.					×		000.000 x	

<b>&gt;</b>	~	8	5	ð	Շ	E	ŧ	OLTAF	Dr. 18 TA	
-34.135	-120.165	07453	.10618	.03023	76900	-,00292	.00122	70010	. Ore 52	
-388.900	103	07379	.18627	.02959	\$0600	-,07296	15100	91646	00068	
-400.420	190.510	07452	.18579	60060	.09661	93249	72100.	01992	.05164	
-389.490	200.370	07560	.18563	.03064	02080	622C-	,900g	91815	90210	
-397.673	399.769	07559	.16569	.93981	.00842	322C.	26000	.01679	00127	299.69000
		5 5	62/ 0 RML	7 z 6.49						
>	~	5	ಶ	ð	Շ	ž	Ø	74.5	AT 87	×
-200.110	-101.539	06960	.18723	.02667	.03094	01685	19346	.06271	.03649	299. A9000
-000.490	535	:6727	.18734	.(12534	.02687	01425	01200	20342	93.50	299.95mm
-199.910	96.579	06015	.16679	.02051	.02653	91275	90316	190144	07466	Pog. AADDD
000.003-	199.86	96518	. 18464	.02357	12027	7:0037	90500	04510	92120	299.92
-196.080	397.060	97559	.18523	62050	.90838	01226	\$6000	.06163	559.75	299.96000
		Ğ S	61/ D RN/	RM. = 6.49						
•	~	3	3	ð	Շ	ξ	g	147	5 E	*
-99.305	-100.030	:06372	.18777	52123	.03048	-,01198	92456	54308	93671	294, 75mm
-43.362	155	06777	18793	.02578	.02754	- 91913	97205	.01943	56100	299. A3000
-36.36	\$3.177	06251	.18818	.02305	52507	-,05869	.00273	.05184	73963	299,83000
-190.155	200,770	05724	.18581	57610.	.52484	00923	.90363	(22712	1,12677	239.81000
-99.474	691.670	06967	.18456	.02719	.01331	001540	26000	25.55	21000	299 78070

AUN NO. 637 O RNC = 6.49

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 Z
 CN
 CA
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 -12.031
 -105.650
 -10765
 -10722
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 -10136

 -11.283
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 -107067
 -18715
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 -10.606
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 -18779
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 -10.472
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299, 86000 299, 74000 299, 86000 299, 78000 299, 92000

04092 .06092 .06226 .05775 .001.67

DLTALF .03961 .99151 -.00637 .01196 -.02936 の関係の関係を関係を対象をはなるとう。 こうじゅう しゃくこう (1) とうしゅう しゅうしゅう しゅうしゅう しゅうしゅう

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(RTUDE1) ( 03 OCT 74 )

AEDC/VAS28 (1A87) -O/ET1S1-008/ET W L/M SAB SEPAR.

345' : 2600.0000 L45' : 1290.3000 844E : .0150	DODO SA.FT. BODO INCHES	Name of the last		•							
	1290.3000 INCHES .0100		1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	# # # # # #			¥ ¥ ĕ ×	MON :: ALPNA :: CALPNA :: X	4.520 PT 400 BE 5.000 CB 300.000	PTOTL = 100.909 BETA = .000 CBETA = .000	206. 200.
		EN IO.	64/ D RN/	RHAL = 6.19							
•	~	8	5	ð	Շ	Š	ਰ	DUTALF	Z. 18 7.	×	
-386.490	-101.050	97443	.18625	ACOSO.	.00916	00295	.00134	5.05210	04869	ž	
-386.963	962	07389	.18587	.02960	spect.	00263	.90151	5.04720	0.01690		
-399.640	99.350	07536	.18550	79080	.05647	.×200'-	00100	5.02660	97520.		
-399.300	139 523	97555	.18566	.03063	60900	00215	99000	5.01350	00642		
-396.830	399.850	07536	.16553	.03078	.00837	07221	16000	5.99679	00128	299.90000	
		RUN NO.	65/ 0 RN/L	L = 6.48							
•	~	ક	3	5	Շ	3	ŧ	747	2787.57	×	
-199.270	-190.219	76070	.18724	.92767	03060	01590	ACC.	A DOGS	04 + V	200 70000	
-196.749	1.991	06644	.18685	90620	.02730	91291	78100	4.97420	- D'ABS	200 7200	
-196.510	101.200	05936	.18631	.01946	12468	01172	.00333	4.95477	1000cu	200 74070	
-197.672	619.702	11010	.18494	16750.	.91744	90778	29000	4.93660	26220:-	299,665000	
GC . 164-	399.550	97551	.16552	.03080	.00.637	-,67223	26000	5.91959	.02253	299.81000	
		2	867 D RIVE	67.9							
÷	~	Š	3	3	Շ	ξ	ĕ	2 14 5	AT 81 5	,	
-97.230	-100.090	06972	.16734	.72634	91060	01093	.00231	5, 99839	01326	200,00000	
-105.535	826	06962	.18783	.02776	.02599	-,00860	.00113	5.32770	.05008	299.83000	
-16.629	190.050	56583	.18739	.02194	.92354	00616	.00305	5.00670	33541	299.89000	
-42.463	199.910	:06356	.16535	.92374	.02152	00768	06100	5.50660	.01123	299.85000	
-193.993	400.000	07252	.18493	.02675	.01061	00384	.000e4	4.96179	.55718	299.84999	
		TON NO.	677 9 RN/L	6.40							
<b>&gt;</b>	~	3	5	Ę	ځ	ž	ฮี	CLIALF	AT 87.42	*	
-9.057		07489	.18746	.72650	. n3229	-,00629	92100	4.92940	.01969	299,85000	
-7.2%	.437	07455	.18673	.02965	.02563	00\$60	.03141	4.97360	-, 56792	299.87005	
-		04586	.18766	30000	.02036	-,09500	.00231	5.01329	95023	299.94770	
-0.310		06737	.16562	1,120	.01646	00391	.00167	5.95179	95846	300.09000	
-6.191	34.570	96578	.10513	.72544	71810.	09694	99000	5.01449	032 80	299.90700	

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				AEDC/VA	AEDC/VASZ8 (IAB?) -O1ET131-ORB/ET W L/H SRB SEPAR.	T1151-048/4	T W L/M 548	SCPAR.		(RTUDEE)		1 03 0CT 74
		NOTENENCE DATA	7						3	PARAMETRIC DATA	ATA	
5	2	2000.0000 90.FT.	# 1	1097.0000 IN.				101				100
				.0000 1N.	. Y.			ने हैं	ALPHA = CALPHA =	*.400 œ \$.900 ¤	BETA = CBETA =	8. 8. 8.
אנאוני	_	.010						×	*			
			FUR 10.	71.0	RM = 6.46							
•	<b>&gt;</b>	~	8	3	ð	b	8	ŧ	0 TAIR	21 AT 52	*	
Ş	-399.040	-170.330	97451	.18561	SOCOT.	\$1600		52100.	5.00900			12712
7	-399.500	150.	078	.18547	75630.	306CO.	00200	.90141	5.90569	902.5		16701
ř	-346.730	7. 7.	97367	.18568	.02945	10600	-,00200	.00155	5.00230	33		18071
Š.	-346.950	199.790	€÷546*-	.18542	. 03069	.00841	00224	16000	5.91919	03765		16413
Ş	-34.15	399.090	97552	.18558	.03063	.00832	07220	16000	5.05540	96470		07591
		-	Š.	10 / 01	RM. : 6.48							
	<b>&gt;</b>	~	3	5	N.O.	გ	Ē	ē	2 44	47.47.5	3	
# ·	-196.550	-191.190	07209	.19695	. (200)	51790	861U-	7				98386
7	-17635	-1:164	06912	.19656	.02659	.02573	01149	2010	5.05340	91189	·	-11504
7	-139.673	<b>2</b> .521	98777	.18632	12604	.72152	00692	.95147	5.07049	.004 56		.95144
¥ ;	-14.500	139.623	06743	.16545	.02547	.01669	C9906'-	.00195	5.01020	00619	•	03761
7	-1 % . 7 % S	34.820	07379	.18493	. (1295)	.01036	-,00331	.0000	5.54780	556.30		51658
		•	9 5	£ 0 /\$	MA. = 6.47							
•	_	~	3	3	3	Շ	ξ	ŧ	747	AT #1	*	
701-	-100.770	-101.420	07519	1673S	: 12747	.04053	00790	.00341	5.05790	93565		1930
Ŧ	-10.00	1.010	97814	.18729	£10£0.	.03695	93867	.00234	4.32190	00074	-	99022
Ĭ	\$1112	<b>39</b> .595	96675	.18614	(2069	.53190	20594	SCATO.	5.91220	00648		00025
¥	-		05692	Betat.	7922:	.02659	90755	90806	5.51700	20190		03424
¥	2.73	599.630	01972	.16526	.02603	-01239	02462	92000	5.01126	.00764	·	11655
		•	CH NO.	6/9	BM : 6.48							
•	_	~	ટ	3	*5	Շ	ξ	ਵੱ	CLTALF	A1 81 12	×	
7	1.7	-8.631	97654	.10590	. 32663	.03480	62200	.99243	4.96750	FM528		31031
7	-1.94	.919	07092	.16501	.03329	.7 <b>26</b> 92	.99133	.90165	5.00480	050 TO		19576
•	-1.37	97.040	07393	.18641	13264	.02157	\$6000	.00155	5.09050	97576		03334
7	-0.057	143.663 143.663	66443	.18792	.02689	.02285	00218	67500.	5.51200	03012	•	13422
7	-0.107	200.710	- CABAR		*****	1						

( 03 OCT 74 )

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DAR.	
EDC/VASEB (TAB7) -OLET1S1-ORB/ET W L/M SEB SEPAR.	
XET181-048/ET	
E0 (1407) -01	
ACDC/VA9	

• •												
	2000,0000 80.FT. 1200,3000 1HCHES 1200,3000 1HCHES	10063 10063		1087.0000 IN. .0000 IN. 450.0000 IN.	II. 11			148	20 P. H. T. C. F. H. H. H. H. H. H. H. H. H. H. H. H. H.		PTOTL 4 BETA 3	* 199.909 = .009 = .009
			ġ Ş	0 /21	1917 = 19.67			×		86.		
•	-		5	5	ð	ઠ	3	ર્દ	OLTALF	Q. TB TA	×	
¥.		.73	07416	.10594		17600.	00336	.20142	-4.96579	•		27967
-34.153		P. 534	07287	.10559		.00939	0319	22100	7.97260	02300		17173
-600.730		1 <b>3</b> .910	.07367	1855	126937	00600	0276	19100	-4.9944ñ			14163
			Q AN		Prof. F. As.	) Section				× × × × × × × × × × × × × × × × × × ×		3672·
			•									
-	~		3	3	3	ځ	ξ	ð	C) TALF	A161.20	>	
-199.695		-13	06159	.16469	35030	\$9060	01549	.00574	C-9696.3-	•		
-196.645		22.231	06321	.18736	.02264	CROCK.	91314	.00304	-5.00510	92749		17532
-196.290		080'168	06182	10601	.72166	.02410	01106	\$6200.	-4.99645	04362		21704
-197.939		499.249	97179	.10310	.02643	79216	00502	\$7000.	-5.04500	72634	-	09162
		•	Š.	74/ 0 47	RM = 6.49							
•	~		ð	3	3	ځ	Ē	ŧ	C. TALF	Q. TB TA	×	
\$	-83.023	<b>6</b> 00;	95123	.10634	70010	.04565	01105	.51060	-4.99130	76010		11635
-191.030		<b>16</b> .43e	06639	.16625	.:2483	.04232	01020	22700	1.94990	.07913		21538
ŗ		199.979	95666	. 18893	.02154	.93767	01083	.00386	-4.99580	97046		19641
-100.349		401.065	96607	.18486	.02585	11610.	90629	.00052	-5.03150	.00446	•	039 <i>7</i> 0
				AEDC/VAS	AEDC/VAS26 (1AA?) -CLETISI-CRO/ET 16 L/M 548 55PAA.	7151-38AE	# F F S	SPAA.		(ATURA)	ח	( 23 007 74 )
	NET EA	NEFENDICE CATA	<b>.</b>						PAG	PAGAVETRIC CATA	¥	
. 0	2660.0000 SA.FT.	\$8.FT.	1	1997.0990 IN. X7	In. x;			ð	**	4.520 PT	PTOR =	190.500
	1280.3000 INCHES	I KON	H di	. SPORT IN.	IN. 44			ALPIA				E.
SCALE :	1290.3000 INCHES		Ž	450,0000 IN.	IN. 21			₹×	CALPHA : X	-8.000 DB DB DB DB DB DB DB DB DB DB DB DB DB	C8ETA =	500:
		*	6	78/ 9 RWL	7 : 6.47							
•	~		3	3	*75	b	Ē	ŧ	747	2	>	
-390.170			07369	.16947	776.20	10800	03665	<b>35100</b> :	C) 986.7	90200	2	0000
-34.37			97545	.18531	.03078	.00033	2236-	16000	-5.01020	127737		96790
-34.15	-	. 022.00	97536	.16523	.03970	.00035	9923	16000	-5.01750	.00453		399,98979

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					AEDC/VASE	11467-OE	1181-048/E		SCAR.			}
1.50   1.50		ě	MENCE DAT	2						PAR	METRIC DAT	<b>4</b>
Part   Part		996.900 296.3000 3000.000			1 0000,7401 1 0000.				K G K III			77. = 190.300 A = 600 TA = 600
Part   Part			_									
Page   100	•	Ī		5	5	2	5	ξ	ŧ	OL TALF	A 18 1	×
Feb. 1896   1986   1986   1986   1986   1981   1982   1981   1982   1983   19	-503-		0.0%	10850	.10670	0161	206-20	01403	.00336	-5.00990	27.620	299.42000
V   Z   CM   CLM   CV   CCM   CRL   CLM   CD   CD   CD   CD   CD   CD   CD   C	1.35.		5.900 5.800	95659		.03060	.00871	01167	.00370 2000.	7.96940	.00000	299.81990
	•	•		3	5	3	ځ	ξ	ĕ	CL.TALF	AT 87.42	×
100.270   290.680   -105643   -10617   -10524   -107240   -10724	-100.			06219	.16619	92241	12896	010es	51800	-5.00590	90657	299.79000
	-1001-		21.2	95243	1961.	21910.	.12952	01146	.00475	4.97360	.05724	00069.643
C	-1001-			06677	.10439	.05530	29710.	00786	\$5000	4.96410	. 934 72	299, 67970
The color   The			_	G		H						
-0.432	•	•		3	3	ð	ò	Æ	ಕ	OLTALF.	Q. TBTA	×
	-19.0			96395	11011.	.02145	.53392	\$6010°-	11000	-5.01270	.ie567	350.02000
-6.666 399.70006049 .18437 .2354 .1220202606 .00030 -4.96719122  REFERENCE DATA  REPORTORE DATA  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 34.FT. INMER I .0000 1N. XT  RESERVO 0000 1N. XT  RESERVO	Ť		011.0	05054	. 1 0603	.72117	.03093	51065	.00373	1.996£	- D000	299.99000
### ### ### ### ### ### #### #########	•		<b>1</b> .700	06049	16437	-53 <b>96</b>	3623E	<b>100</b> 00'-	06006	F. <b>2</b> 715	02543	298.9700
######################################					MEDC/V.2	8(1487) -OE	7181-080E	388 W. J. J. J.	<b>874.</b>		(RTUDES)	( 13 OCT 74 )
### ##################################		5	PROME DA	4						PAR	AMETRIC BAT	4
# 1250.3000 18CHC\$ THEF 2 .0000 1N. ZT		200.000	•		1 0000 1451	X.			9	84 (		201
FUN NO. 79/ 0 RN/L E 6.47  V Z CN CA CLM CY CYN CM, CLAAF  -596.090 -90.09607310 .18577 .02097 .0106000420 .0010300946  -596.090 -90.10007277 .18577 .02062 .0107200410 .0010300946  -596.090 90.31007277 .18513 .02062 .0030000307 .00103 .04645  -901.100 190.00007410 .10494 .02063 .0206600264		200.002			1 0000.03				2 3			000.4 = AT
#UN NO. 79/ 0 RN/L E 6.47  2 CN CA CLM CY CYN CM, DL7ALF -90.09607310 .18577 .02097 .0106600420 .001030094691107277 .18527 .02062 .0107200410 .00163 .02090 99.31007250 .18513 .02062 .0996000367 .00173 .04645 199.06007410 .10494 .02063 .0206600264		1010.		i •					×		070.	
2 CH CA CLH CY CYN CBL CBL CLH CY CYN CBL CLLAFF00-42000-42000-431			-									
	•	-	•	5	3	ā	b	Ē	ŧ	CL TALF	OL TBTA	×
	.38.	•		97319	.10577	76430.	.91964	02420	S0100.	9946	3.99665	27374
99.31007250 .18513 .02862 .0996000367 .00173 .04645	-306.			97277	18881	7662.	24610	90410	3100.	00650	3.95045	10222
21010. Spino	-		5.310	9725	. 18813	29820	300	90367	26.	22.	3.97720	21570
ACTION GROUP GROUP COURT COURT COURT	109-		S :	97419	1649	26.00	900	04564	20145	21010.	4.(45500	60260

(ATUDES) ( 83 OCT 74 )

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	190.900	4.230				223	111	<b>*</b>	2			*	Ē	ž	25	55
				×	24108	<u>:</u>	-	5	Š.		×	6	- 18	9	-:	03659
C DATA	PTOR.	DBE 14		18 TA	<b>56</b> 0	2002	22	C3 28	3.90010		18 TA	010	S	69 50	693	1.12320
MEMETRIC BATA	4.380 CO4.	8 8		_		_	_	_	_			_			_	
2	* *	 Į		Q.TA.	.93	2552	.039	7916	.01430		CL TALE	.01619	:0943	.01045	.00758	00844
	3 5	X		ಕ	24900	.00277	. 9027	16200	2000		ಕ	.00756	.07479	21375	.00326	090001
				Ē	01928	01652	01402	01100	00470		Ē	- 01557	91190	01034	01027	6990G*-
				b	.05001	.0366.	.03307	15930	1216.		b	60650	00850.	78782	.13616	.01643
	<b>5 5</b>	t.	MA = 6.47	ā	.01710	.02423	.02106	. OE 154	.02636	4.47	ð	09210.	35435	.02677	.22131	.7250
	1067.0036 IN.		VMB 0 /00	5	.10473	.10946	1076	.18%	.19467	81/ 0 BM	5	10759	.1960	.10729	.16652	.16430
174		•		5	05778	06579	06030	0007	07172	RAN NO.	5	05706	06690.	0661E	08453	06655
STORECE DATA	0 M.FT.	8 Inches		~	-100.140	?	₩.130	2. ¥	3.70		~	-100.000	.917	2.37	130.000	99.799
•	1240.000	0010.														
				>	-100.000	-18-	-180.1	-18.	-18.		•	*	*	- 1	****	*
	33	N. S. S. S. S. S. S. S. S. S. S. S. S. S.														

ACDC/VANGE (LART) -OLETISI-ONB/ET IN L/M SNB SEPAR.  SOLET. LARE E 1097.:2000 IN. XT INCHES WARE E0250 IN. YT INCHES WARE E0250 IN. YT INCHES WARE E0250 IN. YT	SEPAR. (NTURE) ( ON OCT 74 )	PARACTRIC CATA	MACH E 4.525 PTOTL E 100.300 ALPMA E400 BETA E .000 CALPMA E .000 CBETA E 4.900 X = 300.000
* * * *	AEDC/VASEB (1A87) -CLETISI-CHB/ET W LM SHB		1097 - 2000 1w, xt - 2000 1w, vt 490 - 2000 1w, ZT
		MOTHENCE DATA	### ### ##############################

		5	Z 0 /Z	RM. = 6.46						
•	~	5	3	3	5	Ē	ಕ	OL TALF	CL TB TA	×
-400.100	-100.150	07355	10626	10.00	96600	00366	7100.	.01133	4.01930	259.97030
-346.705		07315	1.4960	01640	19600	71800	<b>69100</b> .	.01440	3. 174 90	200.000
-300.003	40.700	07405	.10535	.00 95e	.0063	50g7e	.00155	.01825	3.99375	C.99. 89070
-300.210	200.630	07550	.16537	08060	.00650	00223	<b>26</b> 000.	(12069	3.99675	239.94300
-347.685	400.390	97564	11051.	.03079	\$800°	00223	16000	01446	3.95500	299.63000

J

BATE TO MAY 75	•			1467 14	TAST TABULATED SOURCE DATA	MACE DATA				PAGE 23	
			AEDC/VAS28	(TABT) -01E1	71 <b>81-08</b> 8/E1	AEDC/VAS28 (IA87) -OLETIS1-ORB/ET W L/H SRB SEPAR.	SEPAR.		(810026)	( 53 OCT 74	_
	NEPENENCE DATA	TA.						PARA	PARAMETRIC DATA	<	
200 - 150 000 - 150 800 - 150 800 - 150	2000 30.FT. 1290.3000 INCHES 1290.3000 INCHES .0100		.0000 IN. .0000 IN. 490.000 IN.	* * * *			MACH ALPHA CALPHA X	* * * * * * * * * * * * * * * * * * *	4.529 PTOT. 400 BETA .000 CBETA	77, = 169.509  A = .000  TA = 4.000	000
		RUN NO.	83/ 0 RML	a. 6. 4							
. •	~	8	5	5	5	£	<b>5</b>	DLTALF	CLTBTA	×	
-199.690	-101.520	06186	.18805	. 12324 . 12324	50850.	02014	96600.	.02405	3.96650	299.97000	
-199.660	96.905	05605	.18665	.01673	.03207	01502	.00317	.08616	4.02590	299.91000	
-196.219	199.960 397.510	05830	.18445	.01676 .570 <b>6</b> 22	.02593	01212 02237	.00318	.04130	3.97290 3.91310	299.81000 299.89000	
		EN NO.	82/ D RN/L	= 6.46							
•	•	3	đ	<b>X</b>	5	3	ŧ	CR. TALF	CL TB TA	×	
-88.741	-190.449	05759	76791.	12710.	.04249	91789	.00562	.02473	4.02630	299.97000	
900	131	06236	18786	.02148	.03962	91578	.00311	.01468	3.99880	299.93000	
-96.865	99.671	06079	.16614	.02231	.73446	01320	.00259	.00641	3.95080	299,82000	
-19.E3	625.002	05330	.18531	.01693	.02906	01559	.00408	01033	4.02380	299.98000	
-99.137	601.570	06749	.18439	.02579	.51563	00671	19000.	06075	3.98450	300,06000	
			AEDC/VA528	(Tar7) -01E1	7181-0RB/E	AEDC/VA\$28 (TAR7) -OIET1\$1-ORB/ET W L/M SKB SEPAR.	SEPAR.		(RTUZE?)	1 BS OCT 74	_
	AEFENENCE DATA	ITA						FARA	PARAMETRIC DATA	€	
1000 × 1000	Peen, onto se.FT.	100	1997, GOOD, 186.	×			Š	"	4.520 PTOTL	Nt. = 100.900	0
			.MI 0000				AL PHA	11		11	6
# #	1290.3000 INCHES	- Jack	450.0000 IN.	٠ <del>١</del> ٠			CALPHA ×	# " "	5.000 DBETA 300.000	TA = 4.000	0
		RUN NO.	85/ 0 RH/L	5.46							
•	~	3	3	ð	5	£	ਵੱ	DLTALF	CLTBTA	×	
-396.690	-100.595	07491	.18581	.02953	99600	00326	.00158	5.03560	3.95930	299.64000	
-369.630	869	97326	.18555	.02916	51600.	00302	.00167	5.04320	3.99220	299.85000	
-399.345	99.132	97483	.10519	.03025	.00646	00236	.00117	5.04620	3.98890	299.66000	
-401.199	199.063	07565	.18533	.03062	.00653	00225	26000.	5.03679	4.06550	300.07000	
-399.630	359.910	97847	.18499	.m9075	.99843	<b>222</b> 00'-	16000	5.00700	4.90065	299.86000	

ORIGINAL PAGE IS OF POOR QUALITY (RTUDE7) ( 05 OCT 74 )

# AEDC/VASEB (IABT) -OLETIS1-ORB/ET W L/M SKB SEFAR.

•	REPERENCE DA	DATA						PARA	PARAMETRIC DATA	•	
8467 = 290.0 1.0931 = 730.3 1.0931 = 730.3	2690.0000 90.FT. 1290.3000 INCHES 1290.3000 INCHES	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1097,0000 19 .0000 10 1 0000 19	IN. XT IN. 77			MACH ALPHA CALPHA X	H H H H	4.520 PTOTL 400 BETA 5.000 CBETA 300.000	11 11 11	190.900 .000 4.500
		Š	86, 0 RBVL	. = 6.47							
7 -196.320 -197.430 -196.900 -196.160	2 -100.000 1.005 101.350 200.370 399.490	CN 06764 05456 05615 05555	CA .18766 .18733 .18630 .18421 .18429	CLN .02528 .01799 .02428	CY .0377 .03044 .02226 .00867	CYN 01895 01566 01429 01002 01230	CBt. .00296 .00196 .00353 .00133	CLTALF 5.00960 4.96570 4.95300 4.97360 5.01250	DLTBTA 3.96890 3.95920 3.95980 3.96230 3.99730	x 299. 72000 299. 69000 299. 73000 299. 78000 300. 02000	55555
		EN 10	87/ 0 RHVL	0.46 = J							
7. 23. 640 24. 640 24. 640 27. 064	2 -96.89 772 99.951 196.330 401.273	CN 06553 06763 05841 05933 07019	CA .18757 .18790 .18761 .18497	CLN .02320 .02643 .02094 .02141	CY .04218 .03586 .02450 .02450	CYN 01666 01320 01020 00837	.00318 .00318 .00111 .00202 .74500	DLTALF 4.99700 5.01900 5.00490 5.09550 4.95740	CLTBTA 3.96790 4.05450 3.97350 3.9130 4.05920	x 299.81000 299.995000 299.995000 299.78000	88888
			AEDC/VASE	AFDC/VASSB (1A87) -O(E7151-O(B/ET W L/M 548 5EPAR.	T151-08/E	7 V L/A 946	SEPAR.		(RTUTEB)	( 03 OCT 74	1 74 )

(RTURES) ( 03 OCT 74 )	PARAMETRIC DATA	MACH = 4.520 F 7L = 100.500 ALPHA =400 JETA = .000 DALPHA = 5.000 DBETA = 4.000 X = .000
AEDC/VASEB (TABT) -OLETISI -OMA/ET W L/M SMB SETAR.	INDICATION DATA	## ## ## ## ## ## ## ## ## ## ## ## ##

	x 17064 19760 32166 19170
	DLTBTA 4.00869 4.03290 4.01010 3.96879 4.00110
	5.00600 4.9630 4.97990 5.00040 5.01520
	CBL .90155 .00151 .00170 .00114
	CYN -,00400 -,00406 -,00345 -,00223
	CY .01094 .01077 .00960 .00696
L = 6.46	CL# .02924 .02637 .02637 .03034
90/ 0 RML	CA .18537 .18491 .18482 .18471
GUN NO.	Ce0734 0734 0752 07490 07490
	2 -105.23 -205. 100.350 100.391 035.485
	7. 296.296. 296.296. 296.296. 296.296.

DATE 259 MAY 75	22			1467	TABULATED	IAST TABULATED SOUNCE DATA				_	PAGE 25
			AEDC/VAS	AEDC/VASEB (TABT) -QLET181-QRB/ET W L/M SRB SEPAR.	ET181-008/	ET W LAN SAN	B SEPAR.		(RTU028)		( 63 OCT 74 )
	NETENENCE CATA	SATA						Ĭ	PARAMETRIC DATA	ATA	
20 - 200 21 - 200 21 - 200	2000.0000 80.FT. 1200.3000 1KCHES 1200.3000 1KCHES		= 1097.0000 IN. = .0000 IN.	.0000 IN. XT			* 4			PTOTL = BETA =	100.500
		}		17 · KI			ŏ×	CALPHA :	8.000 000	DBETA =	4.000
		2	20 CO 160	RH/L = 6.46							
<b>-</b>		ð	5	ð	5	Ē	ŧ	2	į		
-190.530	•	06798	.16799	. (P. S.26	.03728	01675	936	**	3.053.00		X
DEV. 891-	-1.233	06490	16797	.08390	.03535	01494	.00230	-	•		02313
-186.640		06248	18655	.02242	2882	01229	.00207	5.06120	4.03210		.03131
-197.300	399.050	07255	.18450	.02077	02110	00410		5.00890	3.98050 3.93090		07578
		ACN NO.	86/ G RRVL	7 = 6.46							
>	~	8	3	3	3	į	Í	,			
-90.451	7	07255	.19687	£1967.	105736		<b>e</b> 8	CLTALF	D. 78 7A		
-16.00		07306	.18679	.02661	06749	- 107.4	2000	0.5500	5.98115		24169
-96.A64	99.559	06620	.18731	.02788	0880	07647	.07224	5.01270	3.96690		54648
180.81	199.530	05644	.18611	.02243	.03105	:0782	.00311	5.91770	3.00.6	•	
-8.36	<b>39</b> .580	06953	.18469	.02746	.01360	0500	. 90075	5.01449	4.00560	•	503
			AEDC/VA52	AEDC/VAS28 (1A87) -OLETIS1-ORB/ET W L/M SKB SEPAR.	7151-088/E	95 W 7 X 1	SEPAR.		(POLITA)	22 120 80 7	
	INDIDIDICE CATA	ITA						BAB.	PABANETOTE NATA	?	
	2000 0000								-	<u> </u>	
			1097.0000 IN.	* ;			<b>¥</b>	11			100,500
*			450.0000 IN.				₹ 8				900
SCALE =	0010.						3 ×	×	-5.2% CBETA	# <b>¥</b>	4.000
		RUN NO.	91 0 RN/L =	97.9 = 1							
•	~	3	5	×	٤	3	ě		1		
-400.120	.249	07122	.19611	.02757	.01236	00551		DC: ALP	OC.TBTA	×	,
-396.540	026.86	97161	.16520	.12783	.0110	00451	0.000	4.9990	06616	22/51	<b>8</b> 8
20.000	199.450	9729	.18498	.02879	.00946	00320	.00170	-4.96369	3.99360	30003.	2
0.1.666-	621.00	07563	. 18524	.03081	.99648	00226	26000	4.99530	3.96790	22260	
	•	CON MUST	92/ 9 RN/L	97.9 ±							
•	~	5	3	3	5	Ē	ŧ	4			
-199.130	042	93514	.16999	12006	.04464	. 02220	3	CLTALF	AT BT A	×	
-197.999	39.696	05763	.18641	90610	9966	01717	42800	26.96700	5.986.5 5.696.5	202.	22
-197.949	200.300	05216	.18596	.01539	93466	01590	2000	-5.0030 - 6.00030	3.96100	23787	27
-198.990	399.730	56995	.16389	.02728	.01492	90634	99000	-4.96750	3.96715	10119	e :
										***	3

ORIGINAL PAGE IS OF POOR QUALITY

DATE 20 MAY 75				1487 TA	IAST TABULATED SOURCE DATA	URCE DATA				PAGE 26
			AEDC/VA528	(1A87) -OLET	131-0 <b>16</b> /ET	AEDC/VASEB (IABT) -OLETISI-ONB/ET W L/H SNB SEPAR.	SEPAR.		(870029)	( 03 OCT 74 )
-	NEPENDINCE DATA	ATA						PARA	PARAMETRIC DATA	
LATE = 2000.0000 LATE = 1170.3000 SATE = 0100	.0000 \$4.FT. .3000 INCHES .3000 INCHES	2000 2000 2000 2000 2000	1097.0000 IN. .0000 IN. 450.0000 IN.	* * * *			HACH ALPHA DALPHA X		4.529 PTOT. 409 BETA -5.090 DBETA	1. = 100.500 1. = .000 1. = 4.000
		<b>G</b> 10.	93V 0 RBML							
-67.417	2 100.410		CA .18777	CLN .01966	CV .05909	CYN 01570	.00560	DLTALF -5.01710	0.181A 3.94980	× 36690
			AEDC/VASE8	(1467)-OLET	181-0#8/ET	AEDC/VARRE (1A87)-OLET1S1-ORB/ET W L/M SKB SEPAR.	SEPAR.		(RTUTGO)	( BS OCT 74 )
-	REFERÊNCE DATA	ATA						PARA	PARAMETRIC DATA	
SAED = 2000,0000 LAED = 1290,3000 BAED = 1290,3000 SCALE = 0199	.0000 90.FT. .3000 INCHES .3000 INCHES	11 11 12 12 12 12 12 12 12 12 12 12 12 1	1997.9980 IN. .0099 IN. 499.0999 IN.	\$ <del>* *</del> * :			MOH ALPHA CALPHA X		4.520 FTOT. 400 BETA -5.000 CBETA 300.000	A = 106.500 A = .000 A = 4.000
		RCH NO.	96/ 9 RML	97.9						
<b>&gt;</b>	~	5	5	CLM	ر م	<b>1</b> 34	g 8	CLTALF -4 SOLVO	CLTBTA	X Sym. gyppn
-396.690 -396.900 -396.360	199.340 400.420	07573 07573 07542	.16526 .16526 .16519	.03082	.00649	00226 00228	28000°.	-5.02680	3.97230	299.99000
		RUN NO.	95/ D RWL	6.46						
<b>-</b>	~	5	3	Ę	Շ	ξ	ਵੱ	CLTALF	OLTBTA	×
-195.120	18.67	05565	18734	.01763	6158. 05180.	01661	.00366 .00448	-5.000370	3.97690	300.00000 299.93000
-196.760	399.930	97455	.16436	cosco.	09600	90300	99000	-4.99690	3.99180	299.97000
		<b>15.</b> 10.	M/ D RN/L	97.9						
<b>&gt;</b>	~	3	5	3	S	£	ਰੰ	DL TALF	OLTBTA	×
-100.060	199.100	05690	16791	.01636	62176	01691	9600	-4.99770	4.03539	300.21900
-8.700	040.003		.16627	.01397 27760	.03781 Fener	01539 France	90400	-5.02775	3.05720	300.00000 299.90000
26.24	26.05A	0858	.163/6	67630	ear.br:	ecenn.	98022	3.906.5	i ji	

BATE 80 MAY 75				1487 TAI	IAST TABULATED SOURCE DATA	URCE DATA				Ž.	PASE 27
			AEDC/VA3EB (1A87)-QLETIS1-QRB/ET W L/M SKB	IA87) -CEET	181-0 <b>86</b> /ET	816 W 1 A	SEPAR.		(ATU031)	8	( 03 OCT 74 )
_	HETERENCE DATA	2						PAR	PARAMETRIC DATA	<b>«</b>	
2467 = 2490.0000 1.467 = 1290.3000 244.5 = 1310.3000	.0000 99.FT. .3000 INCHES .3000 INCHES .0100		1097.0000 IN. .0000 IN. 450.0000 IN.	###			HACH ALPHA X X		4.520 PTOT. 400 BETA .000 DEETA	E * E	
		9	97/ D RIVL	18.87							
٠	~	3	5	Ş	Շ	£	ŧ	DLTALF	OLTBTA	×	
-396.930	-99.745	03990*-	9635	.02444	.01525	90763	.00366	01248	7.96590	Ä.	16506
-396.579	933	96727	.16529	.02532	.01367	00661	.00201	.06618	7.95679	Ċ.	9569
-399.000	\$5.565	57000	.16483	.mrz2	.01226	00534	96100	.02011	7.99630	:	1148/
-398.790	199.420	07162	.18449	.02646	01050	00368	99100	.04313	0.02620		96245
-396.490	400.170	07425	.18491	03050	.00828	02200'-		67900	incon.	-	
		<b>35.</b> 10.	96/ D REVL	z 5.07							
•	•	5	3	# D	5	ž	é	SLTALF	DL TB TA	×	
	100	- 04119	18753	9900	.95887	02876	.00892	.01662	7.99960		26634
060.641-	100.1	20021	201.	0.601	05021	CASA	. 1704.3	.91214	7.99180	-	17886
		13550	46761	16010	076950	52149	20314	05249	7.96220		20761
25.06.	92.1	20070	2581	-01485	03648	91566	.(9354	.91741	7.99230	0.	06291
-199.590	33.870	06969	.16401	20220	.01395	00583	.00067	.01282	7.99550	ú	.94463
			AEDC/VA528 (	1 487) -O1ET	1151-0RB/E	AEDC/VAS28 (1A87)-O1ET1S1-ORB/ET W L/H SKB SEPAR.	SEPAR.		(RTU032)	8	( m oct 74 )
	HEFERENCE CATA	¥F.						PAR	PARAMETRIC CATA	₹	
			14 .2000 E000	\$			3	•	A. Sen PTOT	" E	39,200
<b>94</b> (			IN THE COURT OF A STATE OF THE AT	; ;			A PA				ç
1000.0421 : 1000.0000	Some inches		450,000, TM.	: <b>k</b>			DALPHA	11		SBETA =	0.000
							×	#	300.000		
		RUN NO. 1	1997 9 RNVL	5.8							
>	•	3	3	¥	b	Ē	ಕ	CLTALF	CL.TB TA	×	
-389.200	-199.219	06903	19654	.02656	.01094	00463	.00278	.01255	7.99720	300.06000	0000
-396.195	152	06954	.10542	06920	20010.	90377	.00251	.02630	7.96789	299.95000	2000
-396.907	100.059	97162	.18485	.02863	.00662	00281	.00173	.00469	7.99830	300,04000	4000
-396.330	200.460	97447	.18596	.03057	.00636	00223	06000.	02396	7.97650	299.90000	0000
-367.330	600.140	97439	.18501	.93081	.00848	00226	.00090	00003	7,92590	299. 75000	2006

# AEDC/VASEB (TAB?) -OLETIS1-CRB/ET W L/M SRB SEPAR.

(RTU03E) ( 03 OCT 74 )

PARAMETRIC DATA

90.200 .000 • .000

PTOT. BETA CBETA

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4.520 400 .000 390.000
MOH :: ALPHA :: EALPHA :: X
3 4 2 ×
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888
TX .0000 IN. XT .0000 IN. XT .450.0000 IN. ZT
ğ \$
SACT = 2000,0000 30.FT. LRCT = 1290.3000 INCHES BACT = 1290.3000 INCHES SCALE = .0100
2 2 2
8886
122
<b>8</b> 33
# 2 # 2

### RM. = 5.06 RUP NO. 99/ 0

x 300.25000 663-36000 663-76000 663-76000
D.1814 6.02100 7.99090 6.02690 7.97440 6.04930
0, TALF .07692 .04482 .07944 .01529
.00666 .00323 .00343 .00393
02562 02196 01776 01519
CY .04416 .03967 .03220 .03220
.0136 .0136 .0136 .01412 .0239
CA .18786 .18771 .18657 .18437
C4 05162 05170 05109 05004
2.240 -104.220 -240 85.323 199.600
v -200.700 -200.000 -190.000 -190.000

# (RTUSSS) ( IS OCT 74 ) AEDC/VAS28 (1A87) -CIETISI-CHB/ET IN L/M SHB SEPAR.

PARMETRIC DATA

#### NEPENENCE DATA

90.200 .000. 6.000
n II II
PTOTL BETA CBETA
4.520 400 5.000 300.000
MACH E ALPHA E CALPPA E X
1097.(**)000 IN. XT 1098 =
2 4
555
AFA
MED = 2490,0000 59.FT. LMST = 1290,3000 INCHES SCALE = .0100

## RUN NO. 101/ 0 RN/L = 5.87

100.320 816 99.590 190.900	07031 07171 07326 07477	. 1652 . 1852 . 1852 . 1853	0.14 .02739 .02941 .02966 .03066	.01014 .00954 .00669 .00834		.00236 .00169 .00142 .00080	9.02730 5.02730 5.02710 5.05160 5.00670	4.18 14 7.94079 8.00099 8.00599 9.05820 7.94639	299.96000 300.01/00 300.07000 300.29000 299.96000
	RUM NO. 19	102/ 0 RBVL	L = 5.06						
	5	3	ð	Շ	£	ŧ	OL TALF	OLTBTA	×
170	96112	.18785	39020	.04761	02365	.00376	5.01160	7.96670	299.70000
Ž	- 05ag7	.18749	7,020.	04190	01950	.00245	4.95060	7.95840	299.74900
000	- 05050	.19716	.01542	.03636	01656	.00366	4.94720	7.93610	299.73000
	05721	.16425	50610.	.02759	01271	.00231	4.97870	7.94679	299.61(1)
2	97456	18462	75050	.00625	00226	79000.	5.01530	7.99160	300,09000

			AEDC/VA52	28 (1A87) -O1E	T181-086/E	AEDC/VASZB(IABT)-O1ET1S1-ORB/ET W L/M SRB SEPAR.	SEPAR.		(RTU354)	( 93 007 74	. 27 1
	REFERENCE DATA	174						FAR	PARAMETRIC CATA	<b>*</b>	
	.14.98 0000.0493	H SEC	1097.9000 IN.	ž.			MAQ.	" *	4.520 PT	PTOT. =	90.200
	1299.3095 INCHES	YIMP II	.0000 IN.				ALPHA				000
H .	1290.3000 INCHES		450.0000 IN.	N. 21			₹ ,	DALFHA =		CBETA =	8.000
\$C4∟€ ≈	0610.						×		606.		
		RUN NO. 19	1947 D RNAL	7 = 5.86							
>	~	8	5	ð	ځ	£	ಕ	DLTALF	DL.TBTA	×	
-356.720	720 -100.160	76911	.18545	.02664	.01423	00673	.00245	5.00620	7.99320	03677	2
-366.200		07032	.18499	.02761	.01304	00585	57100.	4.97650	8.99829		E C
-356.730		07041	.16791	.02758	.0:196	05499	.00182	4.99110	7.99185	-	=
-396.690		07266	.18436	.02925	.93947	05311	50135	4.97950	7,98739	10235	53
-399.500	Seri 399.660	07459	.18502	.03058	.05829	00221	.00088	5.91219	8.95119	18619	•
		RUN NO. 10	103/ 0 RN/L	l = 5.87							
•	~	3	3	ð	ბ	ž	é	CLTALF	CLTBTA	×	
-200.119	ī	-,06194	.18760	02020	.05850	02664	.00494	5.08330	7.9677	08698	2
-201.619		05769	.18671	0.0201	.95117	52132	.00248	5.55340	6.07639	.14191	=
190° 202-		05296	.18744	.51789	.73846	01489	.50284	5.02949	8.59825		œ.
-199.619	_	95516	.18532	.01689	.02961	91275	.00247	5.01290	7.99170	13818	
-194.210	210 399.770	57614	.16432	.02781	<b>221</b> 6.	-,99475	.90071	5.00579	7.92050	27622	ıي
			AEDC/VA52	90-(14€7) <del>-0</del> 1€	.T181-08AE	AEDC/VAS28 (IAc?) -OIÉTISI-ORB/ET W L/M SRB SEPAR.	SEPAR.		(RTUIJS)	( 53 OCT 74	2
	REFERENCE DATA	174						PAR	PARAMETRIC CATA	₹	
	2690,0000 50.FT.	H 5000	1997, WHY IN.	X.			7	**	4.520 PT	FTota =	8
н	1290.3000 INCHES		.000 IN.				A PHA	"			0.0
*	1290.3000 INCHES	2 PARP	455 0000 IN.	N. 21			TVS	" "		CBETA =	8.000
אכארנ =	0010.						×	.,	999:		
		ALN 10. 1	1057 9 RN/L	رة <b>5.86</b>							
•	~	3	3	£	ځ	£	ŧ	CLTALF	CL.TB TA	×	
-396.990	163431	05634	. 18662	.91655	.91723	00922	.99664	-5.09660	7.98480	.04135	5
-396.690		96467	.18554	.02319	.91486	00725	.00376	-4.94090	7.95935	15773	į,
-399.210	210 199.330	- , £6999	.18437	1223	.01124	09460	.00203	-4.95320	7.99680	03681	=
-390.640	640 399.930	97459	18496	.03058	.90837	03223	.00089	-4.99555	7.97720	17942	٠.
		RUN NO. 15	106/ D RN/L	10.5 = 1							
•	~	3	3	ž	č	ž	é	CLTALF	2,1812	×	
-199.459	150 200.240	94925	. 18643	37900							
									- 7 - 00 · A	- 779A	

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(NTUDS6) ( DS OCT 74 )

### 10000 30.PT. No. 10	PARAMETRIC DATA	MACH = 4.820 PTOTL = 90.200 ALPMA =400 BETA = .000 CALPMA = -5.000 CBETA = 8.000 X = 300.000		20.14F C.1814 ×	7 00240 -4.99010 7	.00094 -4.97440 7.97620	.00069 -5.01290 7.93000		× ************************************	. 17420 -4.97271 7.97517 296	17 140 7 0300 A. 1970	.00071 -5.05250 8.08860	AB SEFAR. (RTU337) ( 03 OCT 74 ) PARAMETRIC DATA	= 4.520 PTOTL = 90 x -5.700 BETA =	CALFMA = .000 DBETA = .000 X = .000		CBC DUTALF DUTBIA X	00577 .02753	50323 11212 11213 23237	00055 .0065500198	00015067060100605340 		CBL CLTAIF CLTBTA X	00656 .06041 -	95345 .0917897589	00061 . 00217 . 00554 04733
######################################					•	.0063300226	0522			5			S1-048/ET W R.M SI					\$1000° 78187.								10071: 000 DE
######################################		<u> </u>		CLM	62750.	.03945	99080		3				1520 (1487) -01 ET1			•						,,		•		67291
######################################		H H H	100/ 0					107/ 9								112/ 0						6 /111				ביירוזי יבייוזי
and the test for member of the	REPERENCE DATA	3 ± 5	THE STATE OF THE S		0			n <b>ë</b> r		•	000.002	400.000	MOTERENCE DATA			2			£	99.634	015.103					- DECTOR HAPTURE

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IT TABULATED SOURCE DATA
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LATEC
TABU
1467
DATE 25 MAY 75
1 2
3 21.
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NEW   1 1890, 10000 34, FT   1998, 1999 114, XT   1998, 1990 114, XT   1890, 11000 114, XT   1890, 11000 114, XT   1890, 1100 114, XT   1890, 1100 114, XT   1890, 1100 114, XT   1890, 1100 114, XT   1890, 1100 114, XT   1890, 1100 114, XT   1890, 1100 114, XT   1890, 1100,		NEFERENCE DATA	KE DA	1						4	PARAMETRIC DATA	CATA		
THE NO. 110/ 0 RNL = 5.66  TO CH CY CYN COL DLIME DLIBIA X 200. 2.01296	* * * *		. 7 0 65 0 65		NI 0000.001 NI 0000. NI 0000.059	;; ;; ;; ;; ;; ;; ;; ;; ;; ;; ;; ;; ;;			* \$ \$ ×		4.520 -5.700 .000	PTOTL BETA SBETA	n' n n	93.09 200. 200.
## 2 CN CA CLN CY CYN CR, DLTAF DLTAF DLTAF CT 1366  ### 200.2800			_			**								
### 200.200	•	~		3	5	ð	S	£	ಕ	CL TALF	2	77	×	
### 172920400 .21450 .0617401020 .0773702635026350263502635 1.02636 .07034 .07034 .07036 .07034	200.200	-100.2	2	20503	.21541	.05963	91296	01010	00271	<b>622</b> 10:	03	2	1368	<u>.</u>
199-179   190-289  25433  21443  21443  21443  21443  21443  21444  21444  21442  21	200.600	ĸ.	2	29690	.21450	.96174	01020	.00737	00321	02635	12	82	9905	<b>~</b>
196-160   270-1650   -276641   -21109   -56226  507095   -57142   -501109   -5011	12.570	2. 2.	ç	20433	.21246	.06050	99734	.00548	A0000.	.90168	2	•	0202	ø
196-160   399-460  21164   -21127  06497  05142  05142  05109  01100  01104  0269   -	13.20		Š	20641	.21099	.06226	00095	0.1247	.90123	03783	716.		0314	9
#UN NO. 109/ 0 RN/L = 5.86  7	18.18	•	Ç.	21184	.21127	.06497	.m661	00142	.00109	.91196	96	. 98	0289	Ŀ
399-390 -171-060 -171	,	•	-				į	į	į	1				
### 1251   19479   19479   19639   196			5	5	5	<u>ر</u>	5	<b>E</b>	<b>5</b>	S. TALF			×	
### 1890.0000 90.512212852122776547765497007903732036691017 #### 1290.000 90.5122129521187765547666976014407067034030223576594 #### 1700.720213922116376627767127671957671957671957031967072477038681167 #### APDC/VAS20(1A87)01E1151028/ET W R/M S480 SEFAR. (RTU336) ( 0.3 OCT RECEDICE CATA  #### ### ### ### ###			3 :	213%	.020	969	1596	96000	.00101	.03479		•	629	6
### ### ##############################		8	<u>.</u>	58212	72212.	.76547	. 3.6 <b>3.0</b>	76000	07000	.03732	.036	•	101.	
######################################	7.00	3	! 5	21.409	7417	76637	600.20	- OC195	90.00	20.00	27.	•	800	<b>,</b>
#EDC/VAS28 (IAR7) - DIETISI - DEB/ET W R/M SGB SEPAR. (RTUN38) ( 0.3 OCT   E-2010 DD SG-FT. XMRF = 1097, 0100 IN, XT   E-2010 DD SG-FT. XMRF = 1097, 0100 IN, XT   E-2010 DD SG-FT. XMRF = 1000 IN, XT   E-2010 DG INORS YMRF = 1000 INORS XMRF = 1000	420.72	490.3	<b>.</b>	21350	.21163	0.06619	.00732	60195	.00106	97247	1961		1167	n us
######################################					AEDC/VA528	([A87] -O16	:7181-0€8Æ	TWEM SEB	SEPAR.		CRTUDS		38 OCT	2
# 2590.0000 59.FT. XMRF = 1097.0000 IN. XT ALPHA = -5,700 BETA = 1290.3000 INCMES ZMRF = 4.50.0000 IN. XT ALPHA = -5,700 BETA = 1290.3000 INCMES ZMRF = 4.50.0000 IN. ZT BETA = 1290.3000 INCMES ZMRF = 4.50.0000 IN. ZT BETA = 1290.3000 INCMES ZMRF = 4.50.0000 IN. ZT BETA = 1290.3000 INCMES ZMRF = 4.50.0000 IN. ZT BETA = 1290.3000 INCMES ZMRF = 4.50.0000 IN. ZT BETA = 1290.3000 INCMES ZMRF = 4.50.0000 IN. ZT BETA = 1290.3000 INCMES ZMRF = 4.50.0000 IN. ZT BETA = 1290.3000 INCMES ZMRF = 4.50.0000 IN. ZT BETA = 1200.0000 IN. ZT BETA		METER EN	CE CA	2						PAA	IMETRIC	CATA		
# 1290-3000 INCNES YNRP # -5,700 BCTA # 1290-3000 INCNES ZNRP # 450-0000 IN. ZT CALPMA # -000 GBETA	**	.0000 34	F.	THE E	MI 00/07-0601	. x1			9		4.520	F 101.	·	90.200
* 1890-3000 INCHES 296F * 450.0000 IN. 21 CALPMA = .000 08ETA		3005 INC	Ş	TYARP	N1 0000	¥.			ŧ₹	**	.8.790	BETA	**	900
		2000 INC			450,0000 IN				<b>D</b> Y3 :	11	000	CBETA	•	800

RUN NO. 1137 0 RN/L = 5.85

DLTBTA X
-.01660 299.93000
-.01161 299.66000
-.07596 299.92000
.05605 299.96000 DLTALF .00009 .03593 -.04756 .09676 .00422 -.00422 -.00048 -.00048 .00129 CN .02651 .01045 .00786 .00301 CV -.02366 -.02874 -.02078 -.90775 CLM .05338 .05646 .06089 .06438 CA .21521 .21759 .21467 .21156 CA -.19991 -.20533 -.20533 -.20533 -102.162 -111. 191.463 197.693 19.000 19.000 13.235 0.673

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PARACTRIC GAIA	MACH = 4.889 FTOTL = 90.200 ALPHA = -5.799 BETA = .009 CALPHA = .009 DETA = .090 X = 300.099		CBL
			CYN .01014 .00853 .00437 .00251
			60900 - 90000 - 90000
	IN. X1 IN. Y1 TZ .X1	RM. : 5.85	CLM .05643 .05864 .05864 .06106
	.0000 .0000 450.9000	114/0 #	A
DATA	2	REN TO. S	CA - 20196 - 20399 - 20170 - 20899 - 20899
EFERENCE DA	1000 84.FT. 1000 14CHES 1000 14CHES 1100		2.001.001 305 8.003 18.003 19.300
	SAET : 2000.0000 50.FT. LAET : 1200.3000 1KHES SAEE : .0000 1KHES		7 000.001 000.730 00.028 00.028 11.000

FOE.510 FOE.470	2 -101.650 629 829	ON NO. - 20459 - 20517 - 20161	115, 0 C 21212: 21212: 21212:	CUH CUH .05947 .05075 .05075	01499 00957 90736	OTN 0.01267 0.0721 0.07618	CBC 00253 .00005 00070	0.74.F .07413 .72481 .03464	5LT8TA 06285 07363 02697	X 299.90000 299.90000 299.90000
200.010 200.570		21 369 21 369		.06618	12,00	00193	50100	51890.	.004.81	299. R9070
		RCM NO.	116/ 0 186	RM. = 5.86						
1		5		ð	5	Ē	ಕ	CLTALF	CLTBTA	×
- 1				16614	67900	00108	36000	409CU	00666	
690.100		100.0		76557	.00647	<b>92100'-</b>	\$9000	00566	01323	
24.65				96990	.90734	00199	70100.	90168	00567	
200.000		36.13		16990	.95724	00196	90100	01879	03391	
691.00	20.00	POC 13.	21195	.76628	71700.	06100'-	.00103	01733	96.00	

34TE 80 MAY 75	2			144	TABULATED	IAST TABULATED SOURCE DATA				PAGE 33	_
			AEDC/VAS	AEDC/VASSE (IABT) -OLETISI-CAB/ET W R/M BRB SEPAR.	ET181-08A	ET W R.M. 846	SEPAR.		(47,003)	( 63 007 74 )	_
	OF DECKE DATA	DATA						Ž	PARAMETRIC DATA	7	
	1290.0000 84.FT. 1290.3000 INCHES 1290.3000 INCHES		1 1097.0000 IN. KT	.0000 IN. KT .0000 IN. YT .0000 IN. ZT			A PAGE	• • • • • • • • • • • • • • • • • • •		PTOTL = 90.200 BETA = .000 SBETA = .000	888
		TUH 10: 120/ 0		1917 : 5.85			<b>◄</b>		000.000		
-	~	ð	đ	3	2	ξ	ŧ		1		
11.011	7	21123	.21555	£119G.	05031	90530	00190	5.00940	. 0084	200.05000	
		21329	61712.	.06307	91.85a	90500	99082	5.01620	60,000	-	
10.61		20732	59212.	.06218	95642	10200	1,000.	5.01539	01137	299.98030	
10.557	18.200 20.700	- F3437	.2112.	.0651 <b>2</b>	00066	<b>\$</b> 0000.	08100	5.06460	.07042	300.15000	
		RUN NO. 1197 0		BW : 5.86							
<b>&gt;</b>		5	3	ð	Շ	Ē	é	OLTALF.	Q. TB TA	×	
2.2	-10	20023	.21415	.06134	01521	08700.	00142	5.51520	16600	299.92000	
106.70		20730	.21466	.06217	-,00809	.90362	.0003\$	4.99500	08602	300.03000	
101.210			.21171	.06073	- 00461	.00219	22000	5.01620	04095	299.90000	
100.770		207 <b>26</b>	.21165	.0630.	-,00126	.00139	.00137	5.01070	01653	299.89000	
101.610	651.270	- 2006	\$6012.	.06289	\$9500	00000*-	71100	4.96070	04201	299.92000	
		RUN 100. 1187 9	118/ 9 RML	Λ = 5.86							
>	~	8	3		5	ž	ē	2	2	,	
P30.410	7	20911	51450	.76301	01194	19803	000		4 and	200 0000	
196.620		•0602·-	.21319	.06091	00863	.00643	0000	4.97130	.56524	239.63000	
199.490		2038	.21:65	.05964	00444	199447	00007	4.96430	.54229	299.9920	
22.52 20.52		<b>C89G2'-</b>	.21113	.06219	.077.93	90100	.00139	4.96179	00572	299.72000	
107.973	399.630	21375	.21169	.08625	>2100	90192	20100	4.96745	26687.	299.9970	
		RUN NO. 1177 9	1177 9 RML	7 = 5.86							
•	~	3	5	ð	Շ	Ē	é	2, 141.6	Ch 18 TA		
450.535	Ŧ	21361	.21245	.0660	.00634	00114	.0000	5.01550	.05631	299.98030	
400.050	725	21321	.2120	97590.	.00664	00140	57500.	5.04290	.51011	300,03000	
100.120	\$3.477	21370	.21171	.06621	.00734	76100	70100	5.03220	.96971	300.000	
eo. 10e	199.490	21363	.21172	.76622	.00713	16100	.00103	5.93560	53876	390.00	
£3.53	384.910	21363	2112	.06620	91200	96100*-	90100	5.91160	95518	300.0	

(RTUBAD) ( 83 OCT 74 )

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BOCK DATE
BOCK DATE
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679.	. 543	22390	.21553	.08442	02659	9333£	93252	4.99450	.053 39	15013
19.544		22359	04212.	.06757	01994	191CC -	90059	5.91719	.99723	17448
747		21314	21306	£5574	91228	08100	+.0000.	5.06760	.06316	03456
P. 110		23135	.21371	.06284	99921	90116	00022	5.04490	971 63	. D4268
11.016	401.190	20417	51112	.06137	27,000.	£7000	71100.	4.94600	99990'-	-19090
		aun no.	1227 D RBVL	7 = 5.00						
	~	3	3	3	ځ	ξ	ಕ	OL TALF	OL TÖTA	×
101.929	-191.919	21406	21364	02290	92775	69900	00345	5.04810	02661	.0583\$
2.52	2.224	00912	.21362	19890	12374	07270	00109	4.90900	.05969	31319
22.72	172.235	9090Z*-	.21531	96290	51 76.9	10200	00010	4.90780	.07214	23396
575.57	201.079	59661	21215.	7 MOOG.	01079	39100	COCOC	4.96420	.06356	19996
199.449	399.749	15603	.21149	.:6355	00900	50123	.90113	5.01779	01525	.01957
	•	ě	t	3	3	ξ	ŧ	7	2 E	>-
5	-100 670	30.0	2016	5		04,400	- norm	5.04190	\$0900	95971
		21002	79812	.06278	93651	99700	.90061	5.06090	(2436	.95873
52	39.342	2362	50212.	.96166	10800	03800	.90059	5.04930	02930	-, 96975
5		91962	.21140	.96326	.00231	\$000.	.00120	5.05250	961 55	04213
200.570	399.049	21335	.21143	.06542	<b>91200</b>	05162	60100	5.04490	.00367	.05307
		aun no.	124/ 0 RML	r = 5.8						
	~	3	3	ð	Շ	£	ਰ	OLTALF.	OL TB TA	×
575	-199.219	21354	.21215	10990	90900	00119	16000	5.91359	01372	05795
001.100	266	21250	20212	.06544	.00646	00122	69000	5.00440	05944	91739
20.02	199.279	21339	.21154	.06506	90400	95178	.0000	4.96649	54764	13777
690.273	1 4.975	21309	.21173	.56624	\$1700.	16100	30100	5.90289	62000	55492

CATE 20 MAY 75				1467 T	TABY TABLEATED SOURCE DATA	URCE DATA				-	PAGE 35
			AEDC/VASSBIIABT) -OLETISI -ORB/ET W R.M 348 SEPAR.	1487) -OLE	1181-048ÆT	× × × ×	SCPAR.		(RTUD41)	8	( 03 OCT 74 )
	STEEDERCE DATA	2						ž	PARAMETRIC BATA	Ā	
2007 - 2000 - 2000 2007 - 2000 - 2000 2007 - 2000 - 2000 2007 - 2000 - 2000	.3000 140.FT. .3000 140.ES .3000 140.ES		1067.0000 IN. .0000 IN. 490.0000 IN.	* * *			A PAGE A		4.380 -5.700 -5.000.	PTOT. #	000. 000. 000.
		FUE 10. 12	127/ 0 ANC :								
•	~	ž	5	G.M	Ş	Ē	ŧ	DUTALF	CL TO TA		
100.430	\$64.	10790	.21746	P6276	04305	62710	91139	4.96940	79500		10545
155.75	<b>3</b>	22003	e i	2000			74100		10247		24036
101.040	491.440	2002		.05864		.00850	.m.	-5.05160	02674		15220
		RUM 100. 12	126/ 0 MM.	2 5.65							
•	•	8	3	1	ځ	ξ	ð	CLTALF	CL TB TA	×	
<b>§</b>		3	5	15020	OIANI	57610.	00369	7.9860	01325		22343
		1000	. X . Z	27.20	-,51419	21600	05102	-5.04530	502.15		09340
	2	09802	60112.	.05962	00706	SOSCO.	.00031	-4.96850	.0409	į	17923
107.460	350.630	G#6G2*-	2012.	06370	28800	19006*-	.00114	-5.01300	. 558.63		04171
		RUM NO. 1	125/ 0 MM	± 5.€6							
•	•	8	3	3	č	8	ĕ	CLIALF	Q. 78 TA	×	
200.000	987	2120	152	.7652	90500	\$1000	.00055	-4.96360	.04697		10176
24.160	\$2.53	1.414	8,212.	1.5496	66500	ABOTTO	.00045	-4.95560	.05217		17597
690.060	19.290	21504	.21174	.06626	.00700	05191	Spice.	1.96790	.02253		16913
400.420	400.340	21363		.06625	10719	26100**	.00103	-5.50660	00616		.58861
			AECC/VASEB (IART) -CLETISI-CAB/ET W R/M SAB SEFAR.	1487) -OLE	7151-048/EI	95 X Z Z	SOM.		(RTU542)	ន	( RE OCT 74 )
	NOTERENCE CATA	47						FAR	PARAMETRIC CATA	17.	
2000-2000 = 2000 2000-2001 = 2000 2000-2000 20	.9000 84.FT. .3000 INCHES .3000 INCHES		1097.0000 IN. XT .0000 IN. VT 455.0000 IN. ZT	***			K CALPE		4.526 F1 -3.700 B6 -5.000 C0	FTOT. = BETA = CBETA =	005.09 000. 000.

7,1814 x -, 1226 299,97000 -,0100 296,92000 -,02447 390,05000

0,14,F -4,99080 -4,99980 -5,03200

-.00866 -.00143 -.00140

ON 10:

C4 -- 53443 -- 72213 -- 90123

CLN .08228 .06347 .05428

25.12. 2.112. 2.112. 2.12.

CA -.1972 -.275.c

P.55 10. 128/ 0

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(RTUDAZ) ( 03 OCT 74 )

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ABJET W R/H SRB SEPAI	
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8 (TA87) -OLET1	
LEDC/VA528 (	
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	REFERENCE DATA	DATA							Ž	PARAMETRIC DATA	CATA		
SAEF = 2690 LAEF = 1290 SCALE =	2690.0000 90.FT. 1290.3000 INCHES 1290.3000 INCHES	CS YNRP	), = 1097.c	1997.0000 IN. XT .0000 IN. YT 459.0000 IN. ZT	* * * *			A A A	MACH = ALPHA = CALPHA = 3	4.520 -5.700 -5.000 300.000	PTOTL BETA CBETA		000° 000°
		RUN NO.	129/ 0	RNA =	5.86								
y 96.344 96.766 100.720	2 99.813 199.285 399.745	CN 19964 29476 20132	CA 4 .21373 6 .21069 2 .21059	55 88 89	CLM .05709 .06216 .05910	CY 01623 01058 .00099	CYN .00603 .00501	.00136 00126 .00116 .00131	CLTALF -4.99910 -4.97670 -4.98480	<b>u</b>	CLT8TA .08278 29 .03547 29	X 299.87000 299.81000 299.88000	888
7 202.530 203.710 201.180	2 99.451 199.780 396.520	RUN NO. CN 19676 20519	139/ (1) CA CA .21278 9 121063	FN/L 176 363 128	= 5.86 CLM .05645 .06159	CY 01145 00566 .00687	CYN .00837 .00496 00167	.00115 .00125 .00106	CLTALF -4.96400 -4.98890		DLTBTA 04323 25 .00068 29	X 299.83000 299.86000 299.86000	222
400.730 400.510 400.510	2 100.070 199.970	RUN NO. CN 21364 21389	131/ G F CA CA CA CA CA CA CA CA CA CA CA CA CA	ž	= 5.86 CLN .06605 .06624	CY .00682 .00707	CYN 00175 00191	CBL .000 <b>69</b> .00103	DLTALF -4.9973⊕ -4.9958⊕ -5.0283⊕	• • •	DLTBTA 01485 29 00366 29	X 299.97000 299.90000	888

RP = 1097.0000 IN. XT RP = .0000 IN. YT RP = 450.0000 IN. ZT		DICE DATA SQ.FT. XHRP INCHES YHRP INCHES ZHRP		MACH	ALPHA	CALPHA =	>
RP = 1097,0000 RP = ,0000 RP = 450,0000		DICE DATA SQ.FT. XHRP INCHES YHRP INCHES ZHRP		IN. XT	IN. YT	IN. ZT	
85 85 85 81 11 11		DICE DATA SQ.FT. XHRP INCHES YHRP INCHES ZHRP		_	_	8	
* * * *	WEE DATA  B.FT. X  NCHES Y  WCHES Z	METERENCE DATA 190.0000 SQ.FT. X 190.3000 INCHES Y 190.3000 INCHES Z		0000,1601	2000	450.0	
#EFE = 2690.0000 = 1290.3000 = 1290.3000	### ###	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	MEFERENCE DATA	= 2690.0000 SQ.FT. XHRP	INCHES YMRP	INCHES ZMEP	

AEDC/VA528 (IA87) -OIETISI-ORB/ET W R/M SRB SEFAR.

(RTUD43) ( 53 OCT 74 )

2 CN CA CLM CY CYN CBL DL7ALF DL7BTA X -99.74919638 .21665 .0474705401 .014860084400967 -3.9940004714 04120980 .21667 .0576005361 .0145900450 .06910 -3.9751003549 064720675 .21478 .0617504313 .011350007901407 -3.9060034259		RUN NO.	136/0	N/L = 5.86						
19938 .21665 .0474705401 .014860064400067 -3.99400 20980 .21667 .0576005361 .0145900450 .00910 -3.97510 20675 .21478 .0617504313 .011350007901407 -3.90600		ð	3	¥,	Շ	ξ	ಕ	CLTALF	CLTBTA	×
20980 .21667 .0576005361 .0145900450 .00910 -3.9751020675 .21478 .0617504313 .011350007901407 -3.90600	749	19638	.21665	.94747	05491	.01488	00844	00067	-3.994 บับ	04714
-20675 -21476 -06175 -204313 -011350007901407 -3-90600	176	20980	.21667	.05760	05361	.01459	00450	01600	-3.97519	03549
	5.5	29675	.21478	.06175	04313	.01135	00079	01407	-3.90600	34259

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## AEDC/VAS28 (1A87) -O1ET1S1-ORB/ET W R/M SRB SEPAR.

J R.M. SKB SEPAR. (RTUD44) ( 03 OCT 74 )

### PARAMETRIC DATA

REFERE SMEF = 2690.0000 9 LMEF = 1290.3000 1 SCALE = .0105
---

x 200,11,000 259,99000 300,0000 629,99000 620	x 300,10000 300,01000 299,95670 299,97677 350,01000	X 3ra.03000 299.95000 299.95000 299.86000
6LTBTA -4.04190 -3.99560 -3.9920 -3.99370	CLTBTA -4.07680 -4.08030 -4.01250 -3.97200	DLTBTA -4.01180 -4.01650 -3.99390 -4.00830 -3.95500
DLTALF .02075 .01263 .01368 .02276	D. TALF .09656 .00784 .01041	CLTALF .00953 01181 .01723 .00519
CBL 00502 00202 0063 .00146	CBL 05476 05651 05695 -560153	CBCCCC. .000050. .000000. .000000. .000000.
CYN .016 <b>22</b> .01293 .00913 .001419	CYN .01690 .07971 .07862 .05465	CYN00038001010019000190
CY 03197 02682 01913 07882	CY 02362 01533 01227 00556	CY .00564 .00708 .00708 .00703
CLM .05054 .05418 .05753 .06234	CLM .05369 .05934 .05632 .06175	CLM CLM :::6552 :::06525 :::06616 :::6629
1337 0 RNV = CCA CCA C21555	134/ D RN/L CA .21569 .21240 .21295	CA CA CA CA CA CA CA CA CA CA CA CA CA C
CN CN CN 19436 19779 20397	CN CN - 13 CN 19682 20306 25491 25491 25491	CN CN CN CN CN CN CN CN CN CN CN CN CN C
2 -100.450 -117 99.913 199.150	2 -101.770 416 99.439 199.840	2 -100.110 -427 99.616 200.000
7 100.765 99.731 96.536 96.536	7 202.470 202.310 203.590 199.130	Y 400.600 400.620 400.060 400.040 396.940

AEDC/VAS28 (IA87) -OIETISI-ORB/ET W R/M SRB SEPAR.

(RTUDAS) ( 03 OCT 74 )

PARAMETRIC DATA	MACH = 4.320 PTOTL = 90.200 ALPHA = -5.700 BETA = .000 CALPHA = 5.000 CBETA = -4.000 X = 300.000
REFERENCE CATA	#REF = 2690.0000 50.FT. XMRP = 1097.0000 IN. XT LREF = 1290.3000 INCHES YMRP = .0000 IN. YT BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT SCALE = .0103

	.29628 .20578	CA .21448 .21519	CLM .05955 .06098	CY D2743 01876	.01280 .00809	.00192 00192 .00050	5.01429 5.01170	-3.97350 -3.96830	299.84000 299.88000
	-,20072 -,20527 -,20669	.21139	.05832 .06323 .06172	00976 00333 .00465	.00420 .00181 00035	00029	5.01170 4.97280	-4.03380 -4.00930 -4.02660	299.93000 299.93000 300.00000
ã é	-	137/ D RN/ CA	RN/L = 5.85	5	ž	ĕ	CLTALF	OLTBIA	×
	20583	.21453	.06044	01878	.01300	00149	5.01140	-3.97780	299.85000
	20407	.21167	.05026	01255	.0.0606	-,000 <b>57</b>	4.95650	-3.92640	300.01000
	20525	70115.	.06171	00195	.00305	.00144	4.97860	-3.95650	299,96000
' ⊋	••	.21136 136/ D RN/L	.:16517 IL = 5.86	*U07:	66.00	*0100:	3.01600	4.00140	O'RIVER AND AND AND AND AND AND AND AND AND AND
	3	5	3	Շ	ž	ළ්	CLTALF	CLTBTA	
•	.21308	.21241	67590.	.00615	99199	.99974	4.99460	-4.00460	
•	21281	20212.	.06547	.00619	00125	.00058	5.04330	-3.99240	
•	.21396	.21189	.06630	66900	00190	.00102	5.01719	-4.03640	
•	21402	.21197	.06630	10700.	00187	.00101	5.05610	-4.05160	300.06000
•	.21394	.21184	.06629	9990	00188	00100	5.01199	-4.90769	

			AEDC/VASZ@(IA&7)-O1ET1S1-ORB/ET W R/H SRB SEPAR.	1A87) -01E	T151-0RB/E	T W R/H SRB	SEPAR.		(RTUD46)		( 03 OCT 74 )
	REFERENCE DATA	TA.						P.	PARAMETRIC DATA	ATA	
SAEF = 2690 LREF = 1290 BAEF = 1290 SCALE =	2690.0000 80.FT. 1295.3000 INCHES 1290.3000 INCHES .0100	XMRP YMRP = ZMRP = 1	1097.0000 IN. .0000 IN. 450.0000 IN.	IN. XT IN. YT			MACH ALPHA DALPHA X	" " " "	4.520 PS -5.700 BS 5.000 CS 5.000	P TOTL : BETA : CBETA :	= 90.200 = .500 = -4.900
		RUN NO. 1	139/ 0 RN/L =	5.85							
>	~	3	ర	¥,	Շ	Š	턴	CLTALF	CLTBTA	_	-
99.664	-100.020	21675	.21524	.96113	04799	06600*	00387	5.00450	7	•	25675
199,399	395	21669	.21369	.06482	03829	.00637	00152	5.02050	-4,00620	_	.07356
199.579	99.778	25463	.21489	.06212	02573	.00358	00029	5.01440	-4.01150	•	92422
99.905	199.730	19503	.21358	.05853	51496	022001	00046	5.01479	-4.00119	-	05432
99.897	399.789	20773	.21119	.06256	.00543	<b>66</b> 000' <b>-</b>	.00115	5.01436	-4,00649		.05274
		RUN NO. 1	140/ 0 RN/L	5.86							
<b>&gt;</b>	2	Š	5	CLN	Շ	Š	ම්	CLTALF	CLTBTA	_	
199.490	-101.280	29837	.21502	.06205	61971	.01108	00091	5.05380	-3.94070	•	97199
201.480	-1.548	-,20509	.21443	.06083	01574	.00786	60000	5.07950	-4.04390		.57571
202.150	99.705	29181	.21189	.05961	01066	.00581	.00025	5.02520	-4.08750		.06202
202.220	199.390	25516	.21128	:06192	00206	.00255	.00143	5.55130	-4.08410		.17763
199.520	399.240	21217	.21133	.06511	.50631	95144	.00106	5.03020	-3.98090	•	06065
		RUN NO. 14	141/ 0 RN/L	= 5.86							
>-	2	ž	ð	<b>₩</b> J)	გ	Š	ម័	<b>CLTALF</b>	CL TB TA	^	
400.930	-190.129	21290	.21216	.06554	.00528	00034	.00083	5.01090	-4.91879	•	06385
401.319	.530	21215	.21220	.56495	.00551	00054	.00564	4.97660	-4.05680	•	.11782
499.129	199.919	21255	.21146	.06537	.00646	00141	.00075	5.00290	-4.51139	•	.17988
400.680	200.240	21362	.21161	.06618	.00719	05195	.00104	4.98440	-4.02919	•	.58126
399.650	400.090	21367	.21181	.5623	.95711	06194	.90105	4.99579	-3.95570	•	19400

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DATE 25 MAY 75

03 OCT 74 )

AR. (RTUD47) (	PARAMETRIC DATA
AEDC/VA528(1A87)-OIETISI-ORB/ET W R/H SRB SEPAR.	
	REFERENCE DATA

0000 IN. XT 0000 IN. YT 0000 IN. 27	142/ D RN/L = 5.86  CA CLM CY CYN CBL DLTALF DLTBTA X  CA CLM CY CYN CBL DLTALF DLTBTA X  21302 .0540201737 .0109000161 -4.97530 -4.05490 300.10000  .21043 .0602101003 .00685 .00113 -4.98490 -3.98340 299.82000  .21089 .06432 .0055500084 .00116 -5.00630 -3.97230 299.92000	CA CLM CY CYN CBL DLTALF DLTBIA X -21181 .06577 .0067300163 .00077 -5.00010 -4.01460 299.98000 -21188 .06626 .0070600189 .00102 -4.97880 -3.97530 299.88000 -31.66 .6620 .006080010 .00102 -4.98860 -3.98840 299.89000
**************************************	CN CN - 19496 - 19496 - 211359 - 211359 RUN NO. 143	CN 21327 21384
MEFRENCE DAIN SMEF = 2690.0000 30.FT. LMEF = 1290.3090 INCHES SCALE = .0109	7 2 202.185 99.779 199.900 199.185 405.215	409.620 100.169

	90.206 000. 9-000.
	11 11 11
CATA	PTOTL = 9 BETA = DBETA = -
PARAMETRIC DATA	4.520 -5.700 .000 300.000
	MACH = ALPHA = CALPHA = 3:0
	XMRP = 1097.0000 IN. XT YMRP = .0000 IN. YT ZMRP = 450.0000 IN. ZT
ATA	X Y Y
REFERENCE DATA	SARF = 2690,0000 S4.FT. LREF = 1290,3000 INCHES BREF = 1290,3000 INCHES SCALE = ,0100
•	11 11 11 11
	SHEF BREF SCALE

AEDC/VAS28 (1A87) -OIETIS1-ORB/ET W R/H SRB SEPAR.

(RTUDA8) ( 03 OCT 74 )

		RUN NO.	144/ 0	RN7L = 5.85	•					
7 200.450 199.930 198.150	2 -100.050 185 190.410	CN 19059 19586 19394	CA .2166ft .21449 .21207	CLM .54905 .05441	CY 03866 02780 02076	CYN .02519 .01648	CBL 00597 00175 00102	DLTALF .00714 .01195 00950	CLTBTA -7.99270 -7.97990 -7.90520	X 299,88000 299,90000 299,39000
		RUN NO.	1457.9	RN/L = 5.86	ır.					
•	2	3	5	·	Շ	Š	ĕ	CLTALF	CLTBTA	
190.00	-100.120	29959	.21336		.00404	.00094	-,00065	.01444	-8.91175	
230	752.	21964	.21187		.00563	00059	-,00001	01196	-7.98825	-
98.870	909.66	21363	.21176		.99712	00190	96000*	50710.	-7.98885	299.83000
399.340	199.750	21388	.21168	92990* 1	91700.	00198	.00105	.02257	-7.99030	
196.96	499.229	21399	16115.		.00714	00195	.00105	01458	-7.92625	299.66000

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20 HAY 75	1487 TABULATED SOURCE DATA		ď
	BYOLD GOV TO THE STATE OF THE S	O 50 ) (9700TR)	80

	REFERENCE DATA	\TA						È E L	PAKAMEINIC UNIA	<u>.</u>	
2690 1290 1290	SREF = 2699.0000 50.FT. LREF = 1299.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0190	XMRRP YMRP ZMRP	1097.0000 IN. XT 2.0000 IN. YT 5.00000 IN. ZT	IN. XT IN. YT IN. ZT			MA ALT SALF	MACH = 4 ALPHA = -5 DALFHA = 5 X = 300	4,520 FT -5,700 BE 5,000 DB	FTOTL = BETA = CBETA =	90.209 000. -8.009
		RUN NO.	147/ 9 RN	RN/L = 5.86							
		3	5	CLN	ځ	CYN	CBL	CLTALF 5.00930	DLT8TA -7.97639	X 299.73000	96
200.030	-100.130	20015	.21535	.05827	-,02051	.01173	00003	5.91789	-7.99900		8
715		19609	.21179	.95524	01393	.00818	500088	5.01420	-8.00645		
5		20306		.06588	00582	.00459	.99155	4.98875	0 00550	CO16.662	3 8
719		21367		.06619	.03689	75184	.00103	5.51490	-8.7.70 0		3
		RUN NO.	146/ 0	RN/L = 5.86							
	•	2	3	¥,	Շ	Š	ĕ	CLTALF	OLTBIA		
Ğ		21175		.06450	.00562	-,00040	\$1000.	5.01139	-7.97470		S
188	766	21243	.21208	.06516	.00605	00108	.00545	5,03430	-7.9927		9
Ş		21375		.:36622	.00704	00189	50105	5.03820	-8.01845		S :
7.87		21459		.06633	90700	00195	.90193	5,04030	-8.08120		8
		21396		.06628	76937	00190	.00102	5.51230	-8.00080	399,58999	5

REFER SAEF = 2690,0000 LREF = 1290,3000 BREF = 1290,3000 SCALE = .0100	REFERENCE DATA DOOD SO.FT. JODO INCHES JODO INCHES JODO INCHES	X X X X X X X X X X X X X X X X X X X	5.55	* * * * * * * * * * * * * * * * * * *			MACH ALPHA DALPHA X	H H H D	FARAMETRIC DATA 4.520 PTOT -5.700 BETA 5.000 SBETA	CATA PTOTL BETA SBETA	002.09 = :	
7 201.310 203.680 205.003 207.961	2 -101-830 -1.670 99.979 199.640 399.350	CN NO	CA CA .21527 .21581 .21337 .21145	CLM CLM .05586 1 .05563 2 .05109 5 .06109	CY -,04759 -,03652 -,02092 -,00824	CYN .02533 .01687 .00861 .00473	CBL 09274 07004 00152 .00157	5.07850 5.08850 5.08850 5.0855 5.01740	DLTBTA -7.9440 -8.07769 -8.07870 -7.99667		x .06876 .21390 .13304 .09907	

(RTUDSD) ( 03 OCT 74 )

AEDC/VAS28 (TAR7) -DIETISI-ORB/ET DEATH SRB SEPAR.

PARAMETRIC DATA

Management ...

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DATE 29 HAY 75

	AL' LACME							-	TAKAMETRIC CATA	K . K	
SMEF = 2690.0090 LMEF = 1290.3000 SMEF = 1290.3000 SCALE = .0100	.0000 SQ.FT. .3000 INCHES .3000 INCHES	7 MRP 11 11 12 12 12 12 12 12 12 12 12 12 12	1397,0000 IN. XT C0000 IN. YT 450,0000 IN. ZT				MACH ALPHA CALFHA X	# # # # # # # # # # # # # # # # # # #	4.529 -5.709 5.000	PTOTL BETA CBETA	002'06 = 000'\$-
		RUN NO. 14	149/ D RN/	RN/L = 5.86							
	~		5	¥,	ઠ	Š	ਵੱ	CLTALE	CLTBTA	¥¥	*
399.550	-190.160	20999	.21245	.06343	.00199	.00208	90000	5,01459	٣	<u>1</u> 66	.09760
	.523		.21185	.06391	. 90367	07000	.00053	4.9759	·	•	04198
399.520	100,090	21127	.21139	.06445	.00559	00069	69000	4.99980	•	•	11991
399.249	200,060	21358	.21142	.06607	.00683	77100	.00103	4.98880	·	•	19210
396.060	400.350	21393	.21186	629901	.90716	00196	.0010d	4.98000	•	•	14661

|--|--|

90.200	6.000				356	305	61973			653	635	76
11	** **			×	27		91		×	5.0	97635	-
FTOT	CBETA			BTA	100	879	689		B TA	690	290	67.9
4.520	-5.990	000					-7.99880		2	-7.99	-8.50295	A6.7-
11	CALPHA :	11		CLTALF	-4.99140	-5.06990	-4.98900		CLTALF	-4.99680	-4.94589	-5,06790
MA :	¥ 3	×		ಕ	00528	00151	.99147		ਵੱ	00125	\$6000	.00102
				Ē	.02933	51520.	77800		Š	20200	90102	00188
				Շ	05818	04265	50232		Շ	.00223	.00569	.00700
× ;	;		RN/L = 5.85	C.	.03934	.04762	.05744	RN/L = 5.86	¥,	.05952	.06533	.96621
NI 0000.7901	459,0000 IN. ZT			ర	.21706	.21147	.21911	1507 0 RN/L	3	.21146	.21198	.21167
" (			RUN NO. 1517 0	3	17561	16251	19898	RUN NO. 1	ž	20509	21266	21376
3. FT.	INCHES				99.758	0.970	.859			.090	199.340	.369
SAEF = 2690.0000 S	5.3000	.0100										
569				<b>&gt;</b>	201.040	17.149	M.189		<b>&gt;</b>	0.119	490.320	9.59
		SCALE =			٤	5	ર			<b>\$</b>	\$	Ř

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DATE 20 MAY 75	25			1A87 T	IABT TABULATED SOURCE DATA	URCE DATA				PAGE 43
			AEDC/VA526	(1487) -01E	AEDC/VASZB (1AB7) -OLETISI-ORB/ET W R/M SRB SEPAR.	V R/H SRB	SEPAR.		(RTU952)	( 03 OCT 74 )
	REFERENCE DATA							PARA	PARAMETRIC DATA	
54EF = 269 LREF = 129 84EF = 129	2690.0000 34.FT. 1290.3000 INCHES 1290.3000 INCHES	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1097.0000 IN. .0000 IN. 450.0000 IN.	;;;;			MACH ALPHA DALPHA		4.529 PTOTL -5.709 BETA -5.009 CBETA	. = 90.200 000 A = -8.000
SCALE :	.0100	RUN NO. 15	152/ D RN/L	5,66			×			
,	•	ą	3	×	Շ	ž	ಕ	OLTALF		ж
100	200 00	-18864	76212.	968	02876	96910.	00230	-4.96660		300.13000
200.670		19775	.20939	.05701	91799	19010.	.00076	-4.98590		299.84000
201.490	400.900	29736	.21934	.96184	.00351	.00054	.90123	-5.05930	-8.08355	300.16903
	-	RUN NO. 15	1537 D RN/L	. = 5.85						
,	•	3	5	Į.	ሪ	S S	ਵੱ	CLTALF		×
TOO FOOL	1001.130	21225	.21150	.06493	.00614	99134	.00041	-5.00420		299.90000
396.670		21367	.21161	71990	76900,	55189	50106	-4.98430		299,71000
397.710	399.460	21400	.21175	1,56627	10203	00194	.00104	-4.97590	-7.94585	269.69000
			AEDC/VA\$2	0 (1 A67) →21 E	AEDC/VAS28 (1A87) -DIETISI -ORB/ET W R/M SRB SEFAR.	WRA SAB	SEFAR.		(RTU053)	( 93 OCT 74 )
	REFERENCE DATA	¥						PAR	PARMETRIC DATA	
							3	•	4.520 PTOTL	003.00
	2690.0000 50.FT.		.0000 1000 1N.	: :			ALPHA			
	1290.3000 INCHES		450.0000 IN.				× CAL	CALPHA = X	.000 08ETA .000	.A = -4,000
SCALE =	.0100						•			
		20 Z	1567 9 KN/L	9.8						
*	2	3	3	¥7	Շ	Š	ਰਂ	CLTALF	CLTBTA	×
89.84	\$	19643	.21807	54642	05340	.01474	50000	0.0346	-3.99640	-,08868
022.66		25942	21641	55/50.	05500	91115	-,00081	.01054	-3.97660	08176
20.00	989.98	2.0033	1112	13627	02503	0.05644	00088	.00879	-3.97610	19734
1.1		20228	.21081	.05971	.00257	19000	.00123	01623	-3,99810	04579
		RUN NO. 1	1557 0 RN/L	L = 5.86						
•	•	3	3	H)	Շ	ž	ಕ	CLTALF	CLTB TA	×
5	7	19417	.21641	.05109	02641	.01666	00592	.01162	-3.99980	14552
Pro. 119	•	29292	.21491	.05896	02148	.91165	-,90191	01584	-4.03659	97586
196.7	100	19893	.21294	.05734	01699	92960	00044	51869	-4.00080	15831
197.68"	_	20396	.21786	.06158	12960**	.99531	22100	04980	-3.94225	18885
P00.04	-	21193	70112.	.56420	.00560	00107	.00106	.01273	-4.00669	54723

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# AEDC/VAS28 (TABT) -O1ET1S1-ORB/ET W R/H SRB SEPAR.

IAST TABULATED SOURCE DATA

(RTU053) ( 03 OCT 74 )

PARAMETRIC DATA

### REFERENCE CATA

XMRP = 1097,0000 IN, XT YMRP = ,0000 IN, YT ZMRP = 450,0000 IN, ZT SAET = 2600.0000 30.FT. LREF = 1290.3000 INCHES S BAEF = 1290.3000 INCHES S SCALE = .0100

.000 PTOTL BETA CBETA 4.520 -5.700 .000. MACH = ALPHA = DALPHA = X

### RUN NO. 1547 D RN/L = 5.87

×	10965	99577	14548	07446	14574
CL TB TA	-3.99890	-3.97320	-4.00910	-4.01669	-4.00490
DLTALF	()0225	.05174	.02355	.04729	00371
ĕ	79000	.00049	95000	96000.	.00101
ž	.00062	cocou.	00093	00182	00190
Շ	.00389	.00463	.00562	.00686	66900
3	. 96527	.06464	.06505	.06614	.06622
5	.21261	11212.	.21194	.21133	.21162
3	21240	21153	21237	21348	21371
~	-100.100	011	99.685	199.260	400.350
•	400.450	400.510	499,729	400.960	499.740

# AEDC/VASEB (IABT) -OIETISI-ORB/ET W R/H SRB SEPAR.

### REPERENCE DATA

### PARAMETRIC CATA

(RTU054) ( 03 OCT 74 )

90,200 PTOTL BETA CBETA 4.520 -5.700 .000 MACH = ALPHA = CALPHA = X XMRP = 1097,0000 IN, XT YMRP = .0000 IN, YT ZMRP = 450,0000 IN, ZT SAEF = 2690.0000 50.FT. LREF = 1290.3000 INCHES BAREF = 1290.3000 INCHES SCALE = .0190

### RN/L = 5.86 RUN NO. 157/ 0

127.420	19425	CA 21542	CLH 05058	رم - ماهمه	CAN	<b>G</b>	CLTALF	CLTBTA	× 200
•	19822	.21575	.05433	02673	.01288	.05201	.01463	-3.99960	300.03000
	19912	.21307	.05749	01906	\$0600.	00067	.01244	-3.99710	300.03500
	20396	.21099	.06233	grass	51400	.05146	.02315	-3.96469	299.910.0
	20319	.21953	.05995	.00303	.00056	22166	.01396	-3.98690	299.94070
•	ICN NO. 1	58/ O RN/	RH/L = 5.87						
	3	5	ð	ઠ	ž	ಕ	CLTALF	CL TB TA	×
	19705	.21565	.05380	02338	.01685	00476	.9593	-4.57269	399,19999
	29398	.21437	.05936	01536	07900.	67000	00601	-4.97883	355.09000
	19634	.21250	.05638	- 71236	.00800	0009	.94751	-4.51775	299,96000
	20476	.21973	.96171	00539	.05461	.00151	.01229	-3.97860	299.977
	21295	ARTICA.	PASAN.	10557	02.00	90000	0.000	7 000 1	000

DATE 20 MAY 75	14 73 24 73					1487 T	1487 TABULATED SOURCE DATA	OURCE BATA						PAGE		<b>\$</b>
					AEDC/VA52	8 (TAB7) -01E	T181-068/E	AEDC/VAS28 (IA87) -OIETISI-ORB/ET W R/M SKB SEPAR.	SEPAR.			(RTUDS4) ( D3 OCT 74	~	8	7 74	-
	Ş	NEFERENCE BATA	T.								PAR	PARAMETRIC DATA	DATA			
Sect.	0000,0441 0000,0451 0000,0451	3 94.FT. 3 INCHES 3 INCHES 3	Y AMP	# # #	1997, 9990 IN. XT . 9900 IN. YT 459, 9999 IN. 27	***			¥ € © ×	ALPHA ::	' S	4.520 F -5.700 E .000 C	PTOTL BETA CBETA	4 11 11	90.20 .000. -4.000	000: 000:
		_	RUN NO. 1597 D	1 55	D/ D RN/L =	5.06										
400.690 400.390 400.390 400.090 400.090 399.360	2	7. 288 3.887 9.887 5.130	CN 21264 21370 21394 21399		CA 21261 21271 21171 21190 21196	.06531 .06534 .06534 .06621 .06631	CY .00540 .00600 .00687 .00680	CYN -,00032 -,05101 -,05186 -,05183	.00031 .00049 .00049 .00099	• •	DLTALF .01110 .01729 .00621 05741	6,118 TA -4,01020 -4,01090 -3,99960 -4,00550 -3,95960		X 299.99000 300.00000 299.92000 299.96000	22222	
	20	REPERENCE CATA	2		AEDC/VA528	(1 <b>48</b> 7) –01ET	/151-0₹8/ET	AEDC/VAS28 (1A87) -OLETISI -CRB/ET W RAH SAB SEFAR.	EPAR.			(RTU355) ( 03 OCT 74	5	3 oct	2	_
											3	PARAMETRIC DATA	ATA			

*3*" |

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PARAMETRIC DATA	MACH = 4.520 PTOTL = 90.200 ALPHA = -5.700 BETA = .000 DALPHA = 5.000 DBETA = -4.000 X = 300.000	CYN CBL CLTALF CLTB1A X .0128400195 5.01350 -3.97260 299.95000 .00410 .00049 5.00950 -3.984.00 299.91000 .0743200032 5.00530 -4.030.80 299.93000 .00194 .00137 5.01210 -4.07640 299.94000 00041 .00116 4.97360 -4.02990 300.09000	CYN CBL CLTALF CLTBTA X -01305 00151 5-011403-97920 299-830-01 -00771 00011 4-956003-91780 299-71090 -00603 000141 4-982203-96420 299-76-000 00190 00102 5-016104-00560 395-0700
		5. 85 CY M9 (12750 107 01869 127 00995 121 00363 66 . 00474	CY CY 6 - 51900 9 - 61256 1 - 60856 9 - 60265
	1997,0930 IN. XT -0930 IN. YT 450,0930 IN. ZT	162/ 0 RN/L = 5.8 CA CLM -21430 .05949 -21542 .06107 -21122 .06321 -21077 .06166	2 8 8 5 <del>2</del>
)ATA	XMGP = YMGP H	CN - 200814 - 200814 - 20081 - 20081 - 20081 - 20081 - 20081 - 200880 - 200	
REFERENCE CATA	2690,0000 50.FT. 1290,3000 INCHES 1290,3000 INCHES	2 -100,010 183 100,270 199,950 (401,000)	2 -100,150 1.215 100,540 200,400
	3467 : 2690 1467 : 1290 1467 : 1290 1467 : 1290	98.339 99.600 171.360 177.370	v 199.380 197.390 197.280 196.220

TABY TABULATED SOUNCE DATA

(KTU055) ( 03 OCT 74 ) AEDC/VAS28 (1A87) -CIETISI-CRĀ/ET W R/M SRB SEPAR.

PAGE 46

.4.909

PTOTL BETA DBETA

4.520 -5.790 5.000 300.000

MACH = ALPHA = DALPHA = X

PARAMETRIC DATA

### ROTERENCE DATA

z 1087.0000 IN. XT z .0000 IN. YT z 450.0000 IN. ZT ##EF = E980.0000 50.FT. LMEF = 1290.3000 INCHES BMEF = 1290.3000 INCHES \$CALE = .0100

### RIV. = 5.86 NUN NO. 1697 0

X 299.94000 300.06000 300.10000 300.12000
6,181A -4,00990 2 -3,99880 3 -4,03379 3 -4,05139 3
0LTALF 4.99550 5.04640 5.01480 5.05760
CBL .00072 .00055 .00099
CYN 00095 00121 00184 00185
CY .00599 .00601 .00678 .00665
.06575 .06578 .06634 .06633
CA . 21223 . 21176 . 21176 . 21162 . 21193
CN 21350 21342 21342 21379
**************************************
400.970 400.890 401.210 401.860

# AEDC/VAS28 (1A87) -OLETISI -ONB/ET W R.M. SAB SEPAR.

MEPENENCE DATA

### PARAMETRIC DATA

(RTUDS6) ( 03 OCT 74 )

### RN NO. 1637 9 RN/L = 5.86

x 25266 04428 0274 02399 06222	x -,07673 -,07042 -,07042 -,5401
0,1814 -3,94630 -4,00200 -4,01139 -3,99630 -4,00400	DLTBTA -3.93590 -4.04710 -4.08270 -4.08480
0,14,5 5,00360 5,02250 5,01310 5,01600 5,01400	DL TALF 5.05480 5.08050 5.02550 5.05320 5.03070
00369 00153 00153 00045 00119	C8t 00082 00083 00140 00140
CYN .00987 .00640 .00370 .00247 00091	CYN .01112 .00792 .00506 .00253
CV 04796 03619 01527 01525	CY 01967 01981 09178 09178
CLM .06067 .06475 .06207 .05663 .06254	CLM -76219 -76000 -7510 -76103 -76510
CA .21651 .21339 .21237 .21296 .21296 .21096	CA .21513 .21437 .21217 .21097 .21116
CM 21384 21384 20445 20766 20766	CN 29869 25989 21216
20.994 - 457 - 457 99.769 199.729 399.720	2 -101.249 -1.522 99.716 199.489 399.259
90.636 100.282 100.390 100.390 90.787	199.160 272.003 272.210 199.303

DATE 20 MAY 75	•			1 787 1	IAST TABULATED SOURCE CATA	OURCE CATA				7974	<b>\$</b>
			AECC/VA 52	4 (1AB7) -01E	ET151-086/E	AEDC/VAS28 (1AB7) -O1E11S1-OMB/ET W R/M SMB SEPAR.	SEPAR.		(RTUD56)	( 93 OCT 74	_
	NEPENENCE BATA	44						4	PARAMETRIC CATA	4	
# 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 2 PK2# # 3 PK2# # 3 PK2# # 3 PK2# # 4 PK	7960.0050 80.FT. 1290.3000 16065 1290.3000 16065		1997.0000 IN. XT .0000 IN. YT 75.0000 IN. ZT	***			¥ ₹ ₹ ×	MON E . ALPHA E . CALPHA X	4.520 PTOT. -5.700 BETA 5.990 CBETA	H H H	90.200 .000 -4.900
4 091-109 091-109 093-009		CM CA CA CA 21263 21.167 .	(65, 0 PM/L CA .21193 .21166 .21153	,, , , , , , ,	CY .09325 .09544 .09679	CYN -, D033 -, D0141 -, D0162	.00081 .00082 .00072 .00073	BLTALF 5.01570 4.3e070 5.00120 4.9e450	ATBTA 4.01500 -4.05430 -4.01450	05963 01567 01425 10363	
399. P. O. O. O. O. O. O. O. O. O. O. O. O. O.	40C - 500	21373	.21164 AEDC/VASZ	.::6624 0 (1467) -01E	.00684 ET1S1-0FB/E	.21164 .06624 .056400163 .000 AEDC/VAS28 (1A87) -01E71S1 -0:8/ET W R/M S48 SEPAR.	.00099	4.99679	-3.95170 (RTUD57)	19104 ( 05 OCT 74	_
	NOTENDICE CATA	44						PAR	PARAMETRIC CATA	~	
0421 : 2340 0421 : 2340 0421 : 2340	1290,0000 54,FT. 1290,9000 Inches 1290,9000 Inches		: 1097.0200 IN. XT : .0200 IN. YT : 450.0707 IN. ZT	2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			MON ALPPA CALFH A	# # # # . <b>\$</b>	4.520 PTON. -5.700 BETA -5.000 DBETA .000	8: T	90.200 .900 -4.900
	-			1							
7 593.873 99.641 199.410	28.286 138.286 108.104	C4 1973 1958 1958 1958	CA -21769 -21566 -21586 -2158 1677 9 RM/L	. 5.86	CY 06214 04855 01473	CYN .02060 .01659 .00411	.00153	0. TALF -4.99790 -4.99440 -5.05460	5,1814 -3,94379 -3,9660 -4,12690	15317 16736 00093	
- 18.180 1.81.190 1.81.190	2 89.85 870.000 88.82	CN CA 19332 .21 19446 .21 20573 .21	.21430 .21430 .21746 .21746	CLM .05903 .05464 .06094	CY 02517 01602 00255	CYN .01262 .00993 .00112	CB. 00194 00125	DLTAF -5.01120 -4.99520 -4.99220	CLTBTA -3.99010 -3.96760 -4.00000	x 21865 15748 05737	
400.270 600.760 600.360	20.900 190.370 400.480	CN 21349 21348 21346	CA .21165 .21157 .21164	CLH .96345 .96603 .96622	C7 .09470 .09667	00169 00169	.00099 .00099	DLTALF -4.96400 -4.95670 -5.00980	DLTBTA -3.97719 -3.99979 -4.09569	x 14869 06781	

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TABLE ATED SOURCE DATA

PAGE 48

(ATUDS6) ( 03 OCT 74 )

AEDC/VASEB (TABT) -OLETISI -ONB/ET W RAM SAB SEPAR.

	ACTREME CATA	2474						Š	PARAMETRIC DATA	2	
2621 : 2500 1402 : 1500 1404 : 1500	2640.0000 80.FT. 1240.3000 INCHES 1245.3000 INCHES .0100		TX -NI 0000 -1001 -0000 -1000	***			173×	ALPNA :	4.329 PTOT. -5.700 BETA -5.000 CBETA 399.000		000. 000. 7-
		10 10 1	100/ 0 RM/L =								
- \$		O	CA .21417	C.N .05157	رم 9921	Grad State.	GBL 93247	0.TALF	0. TB TA -4. 907 30	x 300.09000	
100.001	195.479 395.708	92661	.21090 21076	90090.	00972	.00975 .00253	.00127 .00138	-5.00560	-3.93570 -3.99350	299.81000 299.92000	
		NO NO.	170/ 9 RM								
•	~	3	ಶ	<b>8</b>	Շ	ξ	ਵੱ	CLTALF	C. TB TA	×	
206.030	\$.73	19484	04212.	76830.	01756	56010.	00165	2.97520	-4.05400	244 170000	
200.002 200.603		21979	21066	.06406	02500	90065	.90112	4.90740	-3.96680		
		NUM NO. 1717 S	711.0 RHAL =								
<b>&gt;</b>	~	3	3	ð	გ	ŧ	ಕ	OLTALF.	CL TB TA	×	
401.360	100.130	21330	21174	.06580	09900	00163	9,000.	₽6666. <b>7</b> ~	-4.02680		
388.740		21372	.21156	.06619	.02693	00166	00100	-4.97890	-3.973.60	299.86000	
399.373		21356	.21154	.96619	.99683	00185	66000	-4.995 <del>2</del> 0	-3.96390	299.94000	

(RTU055) (-03 OCT 74 -)	PARAMETRIC DATA
AEDC/VASZB (IABT) -O(ETISI-ORB/ET W R/M SAB SEFAR.	
	REFERENCE CATA

90.200 900. 9-

## RUN NO. 1737 0 RN/L # 5.06

•	~	3	5	ğ	t	Ē	ಕ	DUTALF	CL TB TA	×
100.490	-19.180	17999	. £1749	.03950	053eE	.03043	-,00625	.01149	-7.99430	23412
870.810	394	19078	.21648	.04923	05456	.02769	00327	.01555	-7.99870	02312
186.473	191.749	1911-	.21461	90880.	-, 54920	99610.	-,00064	07604	-7.97495	27603
P75.675	199.690	19594	1012.	.05690	-, 21699	690GG*	.00559	.01839	-7.99579	23551
73 753	306.040	27672	121544	78190	. 994 <b>2</b> 9	-,0000	હ્યાં હ	97010	-8.72630	2269G*

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PACE

Service employed

DATA	
IAST TABULATED SOURCE DATA	2
3	SANTO TANGE TO THE PARTY OF THE
	, 446,000
	Ş
•	

-		600. •
g.		<b>*</b> 7
8		
(RTU059) ( 03 OCT 74	DATA	PTOTL BETA CBETA
975	PARAMETRIC DATA	25.45. 000. 000.
÷		PACTOR N
ACDC/443EB ([AB7] -OLETISI-ONB/ET W R/M SAB SEPAR.		Mage s 1097,0000 IN. XT Yield s ,0000 IN. YT Ziele s 450,0000 IN. ZT
		222
	2	
	DEDICE GATA	99.FT. INCHES INCHES
	5	0000'0431 = 230'080 0000'0431 = 230'080 0000'0431 = 230'080
		# # # # ##
		D D D D D D D D D D D D D D D D D D D

## RUH NO. 172/ 5 RN/L = 5.06

×	01257	\$6230.	54948	. 12432	16329
CL TBTA	-7.99470	-7.960BD	-7.96560	-8.04260	-7.97845
DLTALF	20210	\$1710.	.04336	.03131	90447
ಕ	00256	00042	.99044	.0010g	.00103
æ	.99441	<b>66100</b> 1	SDOCG.	00158	00:95
5	Secon	. 172.36	.00460	.00656	.00704
5	.05785	79190.	.06399	0690	.06623
3	.21390	61213.	.21159	92112.	19112.
8	2023	20767	21947	21334	21377
~	-2.257	245	<b>35.47</b> 0	196.530	400,300
•	390.940	599.520	399.780	491.030	<b>33.75</b>

## (RTUD60) ( DS OCT 74 ) AEDC/VASEB (TAB7) -OLETISI-CGB/ET IJ B/M SRB SEFAR.

PARAIETRIC DATA	MACH = 4.320 PTOTL = 90.200 ALPHA = -5.700 BETA = .070 GALPHA = .000 CBETA = -6.000 X = 900.000
	20 54.FT. KNMP = 1997.0000 IN. XT 20 INCHES YMMP = .0000 IN. YT 20 INCHES 2MMP = 450.0070 IN. ZT
NOTENDICE DATA	8407 = 2690,0000 56,77. Luggy = 1250,3900 likkes 1 250,3000 likkes 2 3644€ = 1250,3000 likkes 2

### RUN NO. 174/ 0 RH/L = 5.65

<b>&gt;</b>	~	3	3	7	ò	٤	ð	OLTAL F	AT 87.42	
201.230	-100.040	19063	.21637	60670	03675	02520	00594	27700.	4.00170	299.90000
130.073	152	19711	.2:454	.05449	:2778	97916	90177	79900.	-7.97490	
F03.300	3.35	19396	.21187	08280	02000	0110.	90198	.04652	-8.05000	
061.003	199.82	2021	.21030	.06054	90957	00644	<b>13</b> 100.	9611C.	-7.96125	
P20.3P3	499,499	21107	.21979	.06485	19800	\$110G*-	\$6106	03490	-8.00040	
		E O	1757 G RN	FN/L # 5.85						
•	~	3	5	ă	t	ž	é	CLTALF	Q. TBTA	
000.000	-105.129	*36C3'-	.21317	36290	<b>16800</b> .	96000	990GG*-	.01409	-6.01630	
344.319	.263	2106	20213.	10990	.00563	-,00061	10000	00932	-7.96830	299.99000
286.030	73.62	21366	.21163	70 <del>00</del> 0.	10700	92183	\$6000.	.01694	-7.98919	
300.52	188.730	21417	20213.	.06635	\$6900	00188	00100	.91971	-7,96950	
347.42	130.360	21359	.21166	.06621	9966	00107	00100	01864	-7.9269:1	

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1A87 TABULATED SOURCE DATA

# AEDC/VAS28 (1A87)-O1ET1S1-ORB/ET W R/H SRB SEPAR.

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	REFERENCE DATA	₹				PARAMETRIC CATA	CATA		
SREF =	2690.0000 SQ.FT.		**	XMR = 1097.0000 IN. XT	KACK ::	4.520		н	90.200
ראבי =	1290.3000 INCHES		11	.0000 IN. YT	ALPHA	-5.700	BETA	"	.000
BAEF	1290.3000	2	11	= 450.0000 IN. 2T	CALPHA =	5.000		11	-6.900
SCALE =	.0100				" ×	300,000			

RN/L = 5.85

RUN NO. 177/ 0

199.650 201.860 197.850 198.890 200.650	2 -100.000 -207 100.770 200.140 399.750	CN 19995 20081 19638 20309	CA .21516 .21379 .21187 .21165	CLM .05622 .05823 .05538 .0608	CY 03227 02072 01380 00570	CYN .02024 .01172 .00815 .00452 00186	CBL 02556 00005 00089 .00156	DLTALF 5.01090 5.01760 4.96560 4.98850 5.01740	0LTBTA -7.96859 -8.02419 -7.89669 -7.94179 -8.03609	X 299.64000 300.06000 299.54000 300.04000
Y 399.680 399.850 400.550 402.130	2 -100.240 502 99.364 199.360 399.960	CN CN21123212142141421395	76/ 9 RN CA .21247 .21179 .21174	RN/L = 5.85 CLM .06434 .06503 .06631 .06627	CY . 00532 . 07617 . 00712 . 07696	CYN 00026 00109 00191	.00009 .00009 .00104 .00102	5.01320 5.03400 5.03400 5.03640 5.04250	CLTBTA -7.97659 -7.99770 -8.92729	X 299.960m0 300.01000 300.12000

# AEDC/VA528 (1A87) -OIETIS1-ORB/ET W R/H SRB SEFAR.

REFERENCE CATA

### PARAMETRIC CATA

(RTUD62) ( 93 OCT 74 )

MACH = 4.520 FTOTL = 99.290 ALFHA = -5.700 BETA = .009 DALFHA = 5.000 DBETA = -8.000 X = .000
= 1097.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT
XMRP YMRP ZMRP
SAEF = 2690.0000 SQ.FT. LAEF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100

### EN/L = 5.85 RUN NO. 1767 0

×	.01501	.24376	15289	-,11139	13062
CL 18 1A	-7.92890	-8.56649	-8.00520	-7.99399	-7.95839
CLTALF	5. 58330	5.58990	5.00870	5.01430	5.02830
é	00273	-,90004	09036	. 50156	.00105
Š	12850.	.01689	.00869	.09470	99114
Շ	04765	03666	92123	99837	.00581
H <sub>1</sub>	.05585	.05650	.05554	.06109	.06429
ర	.21519	.21569	.21324	.21125	.21103
3	20144	19847	19445	20190	21085
~	-101-920	-1.530	100,000	199.700	390.370
•	200.180	202.850	200.750	200.490	159.740

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Character Carry Car

CATE 20 HAY	22			1487	TABULATED	1487 TABULATED SOURCE DATA				PAGE 51	
			AEDC/	AEDC/VAS28(IA87)-OLETIS1-ORB/ET W R/H SRB SEPAR.	1ET151-068/	ET W R/H SRI	B SEPAR.		(RTUDG2)	( 93 OCT 74 )	_
	REFERENCE DATA	DATA						PA.	PARANETRIC DATA		
SAEF = 26 LAEF = 12 SCALE = 12	2690.0000 34.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	T. XMRP ES YMRP ES ZMRP	= 1997,0000 = .0000 = 450,0000	.0909 IN. XT .0009 IN. YT .0009 IN. ZT			¥42×	MACH = ALPHA = .	4.525 PTOTL -5.700 BETA 5.900 CBETA	1 = 90,200 - = ,000 A = -6,000	•
		RUN NO.	179/ 0	RN/L = 5.86	•						
400.300	2 -190.120	CN 20992	CA	CLM	ر در	CAN	<b>G</b>	OLTALF 21100	DLTBTA	×	
400.100	7				96000	.00064	.00054	4.97760	-8.01373	13649	
399.450		21157			.00546	00067	79000	5.00140	-7.99330	07493	
396.120			.21198	. 06635	. nn696	55186	.00101 .00101	4.99380	-7.98630 -7.93430	14949 24011	
			AEDC/V	AEDC/VA528 (IA87) -OIETISI-ORB/ET W R/H SRB SEFAR.	ET1S1-ORB/E	TWR/HSRB	SEFAR.		(RTU:)63)	( 93 OCT 74 )	
	REFERENCE	CE DATA						FAR	PARAMETRIC DATA		
SAEF = 269 LAEF = 129 BAEF = 129 SCALE =	2690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES	XMRP YMRP ZMRP	= 1097,0000 IN. = ,0000 IN. = 450,0000 IN.	.0000 IN. XT .0000 IN. YT .0000 IN. ZT			MACH ALPHA X X	 	4.520 PTOTL -5.700 BETA -5.000 CBETA	90,200	
		RUN NO.	181/9	RN/L = 5.86							
7 201.659	2 99.733	CN 17592	CA .21685	CLM .03952	CY	S S	9	CLTALF	OLTBTA	×	
197.280 200.430	201.000 399.800	18276	.21156	.04771	04253	.02200	-,00150	-5.07550 -4.98790	-8.00/09/0 -7.91890 -8.00250	28562 38819 .07521	
		RUN NO.	189/ 0 4	RN/L = 5.86							
٠	2	ž	5	N TO	Շ	Š	è	2	9	,	
400.180	100.220	20489	.21127	.05946	.00210	90206	00128	-5.00179	-7.99970	, 09420	
399.490	400,300	21359	.21154	.06536	.00566	55103	.00095 90099	-4.95830 -5.00620	-8.00170 -7.98590	00912 15216	

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SEPAR
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IAST TABULATED SOURCE DATA

(RTUD64) ( 03 OCT 74 )

= 1097.0700 IN. XT	REFERENCE DA'	DATA		!			•		Ų	4TA .	8
CA CLM CY CYN CBL DLTALF DLTBTA  CA CLM CY CYN CBL DLTALF DLTBTA  2.21283 .01497201684 .01169500229 -4.96660 -8.05450  2.20906 .0571201684 .01028 .01084 -4.98990 -7.97710  2.20964 .016191 .01366 .010043 .010121 -5.05780 -8.08880  1837 0 RN/L = 5.86  CA CLM CY CYN CBL DLTALF DLTBTA  CA CLM CY CYN CBL DLTALF DLTBTA  CA CLM CY CYN CBL DLTALF DLTBTA  7.21100 .16484 .01062300136 .010141 -4.99660 -8.010960  7.21152 .10618 .01062300192 .010102 -4.98650 -7.94440	. 99 99		1097, 9000 , 9000 450, 9090	N. XI N. YI T. Z			×CA			ETA ::	000.8-
CA CLM CY CYN CBL DLTALF DLTBTA 21283 .0497202676 .0169500229 -4.96660 -8.05450 220906 .0571201688 .01028 .00084 -4.98990 -7.97710 220964 .06191 .05366 .00043 .00121 -5.05780 -8.08880 1837 0 RN/L = 5.86  CA CLM CY CYN CBL DLTALF DLTBTA CA CLM CY CYN CBL DLTALF DLTBTA 7.21100 .06484 .0062300136 .00041 -4.99660 -8.00960 7.21152 .06618 .0062300192 .00192 -4.98650 -7.96520 -7.94440	-	RUN NO.									
1837 0 RN/L = 5.86  CA CLM CY CYN CBL DLTALF DLTBTA 7.21100 .16484 .0062300136 .00104 -4.99660 -8.00980 7.21152 .06618 .0067200196 .4.99660 -7.96520 7.21166 .06531 .0067200180 .00099 -4.98120 -7.94440		CN 18874 19769	CA .21283 .29906	CLM .04972 .05712	CY 02676 01688	CYN .01695 .51028	CBL 00229 .00084	DLTALF -4.96660 -4.98990	DLTB T/ -8.054 50 -7.577 19		( .23998 .88999
CA CLM CY CYN CBL CLTALF DLTBTA .21100 .06484 .0762300136 .070141 -4.99660 -8.01980 .21152 .06518 .07698 -4.98260 -7.96520 .21186 .07631 .0767201980 .070998 -4.98120 -7.94440		29731 RUN NO.	86	io	.0366	.00043	.00121	-5.05789	-8.0888		29000
21197 .21100 .06484 .0062300136 .00141 -4.99660 -8.0098021367 .21152 .06618 .0016800192 .00102 -4.98260 -7.9652021391 .21186 .06631 .0067200180 .00098 -4.98120 -7.94440		3	5	Š	ბ	Š	<del>ළ</del>	CLTALF	CL TB T	^	·
21367 .21152 .06618 .00192 .00192 .00102 -4.98260 -7.9652021391 .21186 .0631 .0067200180 .00098 -4.98120 -7.94440	_	21197	.21199	.06484	.00623	00136	.00041	-4.99660	-8.009		97000
21391 .21186 .06631 .0067200180 .00098 -4.98120 -7.94440	_	21367	.21152	.06618	.00698	00192	.00102	-4.98269	-7.9652		75000
	_	21391	.21186	.06631	57900.	00180	96000	-4.98129	-7.9444		.68000

	90.200	000	6	
		"	,,	
CATA	FTOT	BETA	CBETA	
PARAMETRIC DATA	4.520	10,399	999	S.
_	11	•	**	"
	#ACH	ALFHA	CALPHA	" ×
	= 1097.0000 IN. XT	= .000u IN. YT	= 450.0000 IN. ZT	
	"	"	"	
Y.	X	YMRE	ZME	
REFERENCE CATA	2690.0000 SQ.FT.	: 1290.3000 INCHES	1290.3000 INCHES ZWRF	50.60
	**	11	H	•
	<b>38</b>	LREF	BAEF	SCALE .

		RUN NO.	188/ G RN	RN/L = 5.86						
>	~	3	క	Ę.	გ	Š	ಕ	DLTALF	CLTBTA	×
19.761	-199.589	.18511	.15237	02848	02240	00425	.00.524	.02882	05898	11636
19.320	.931	.19344	.15333	52582	02579	00381	.00494	.00616	02833	1372
19.667	99.583	.29523	.15312	112736	91131	00758	.05416	.01645	92365	116
10.574	199.560	.29794	.15434	02901	.00159	01081	00324	.02576	01612	1938
19.764	399.700	.21159	.15975	04231	.00555	00275	00141	.01949	01184	0782
		RUN NO.	187/ D RN	RN/L = 5.85						
<b>&gt;</b>	2	8	ర	č	Շ	Š	ಕ	CLTALF	CLTBTA	×
96.156	-191.419	.19584	.15449	03465	92056	00512	.00371	.06957	.06354	1492
199.359	.085	.19324	.15492	03015	52273	00353	50375	. 90246	-,03221	137
100.619	99.955	.27686	.15523	03502	51858	00233	06000	.01299	02410	5849
199.950	250.285	61102.	.15894	03v66	09929	00025	.00194	00289	03598	09778
191.289	491,269	.21526	.15924	94643	.00165	00033	00194	94273	944 53	1581

8	
E 20 MAY 75 TABULATED SOURCE DATA	
52 W	

CATE 20 MAY 75	, 75			1A67 TA	IAB7 TABULATED SOURCE DATA	JRCE DATA						}	
			AEDC/VA52	AEDC/VAS28 (1A87) -OIETISI-ORB/ET W R/H SRB SEFAR.	151-0RB/ET	W R/H SRB	SEPAR.		(RTU065)		( 93 OCT 74	~	
	REFERENCE DATA	ATA						PAR	PARAMETRIC DATA	DATA			
SAEF = 20 LAEF = 13 BAEF = 13 SCALE =	2690.0000 50.FT. 1290.3090 INCHES 1290.3090 INCHES	XMRP = YMRP = ZMRP =	: 1097,0000 IN. XT : 0000 IN. YT = 450,0000 IN. ZT	X X X X X X X X X X X X X X X X X X X			MACH ALPHA DALPHA X	41 41 11 14	4.520 10.300 10.000	PTOTL BETA CBETA		002.06 000. 000.	
		ON NO	186/ D RN/	RN7L = 5.86									
7 200.670 200.070 200.370 196.581 620.673	2 70 -100.050 20097 70 101.930 80 201.400 20 399.890	CN .21076 .20502 .20674 .21263 RUN NO.	CA .15902 .15888 .15957 .15791	CLM045100403704032041340452	CY 01746 01906 01679 00653	CYN .00981 .01035 .00980 .00430	CBL 00013 .00020 .00020 00178	0.00990 .00990 .01301 09102 05744	01_TB_TA 01_790 025 01 025 06 04697 07932	17A 01 06 06 32	x 13581 14518 11572 06588		
7 401.020 401.110 401.520 400.260	2 10 -100.790 10 -662 10 -662 10 -662 10 -100.790 11 -100.790	CN .20182 .20107 .2056 .20243 .19765	CA .15870 .15800 .15754 .15764	CLM 03912 03651 03653 03960	CY .00267 .00414 .00511 .00528	CYN ,0009 <b>5</b> -,00541 -,00128 -,00140	CBL -, 00122 -, 00028 -, 00002 -, 00003	DLTALF .04777 .03934 .06333 03756	CLTBTA01666026070389802082	•	x 13801 11430 02450 10541		

#EFFERENCE DATA  = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT  = 1290.3000 INCHES YMRP = 450.0000 IN. YT  = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT  E = .0100  X = 300.000		000° = 1	
##CH = 2690.0000 Sq.FT. XMRP = 1097.0000 IN. XT	C DATA		
#EFERENCE DATA = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT = 1290.3000 INCHES YMRP = .0000 IN. YT = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT = .0100	PARAMETRI		
REFERENCE DA = 2690.0000 SQ.FT. = 1290.3000 INCHES = 1290.3000 INCHES = .0100		MACH = ALPHA = CALFHA = X	
REFERENCE DA = 2690.0000 SQ.FT. = 1290.3000 INCHES = 1290.3000 INCHES = .0100			
REFERENCE DA = 2690.0000 SQ.FT. = 1290.3000 INCHES = 1290.3000 INCHES = .0100			
REFERENCE DA = 2690.0000 SQ.FT. = 1290.3000 INCHES = 1290.3000 INCHES = .0100			5.86
REFERENCE DA = 2690.0000 SQ.FT. = 1290.3000 INCHES = 1290.3000 INCHES = .0100		999 IN. XT 999 IN. YT 999 IN. ZI	RN/L =
REFERENCE DA = 2690.0000 SQ.FT. = 1290.3000 INCHES = 1290.3000 INCHES = .0100		1097.6 .0 450.0	0 /68
REFERENCE DA = 2690.0000 SQ.FT. = 1290.3000 INCHES = 1290.3000 INCHES = .0100	ΤA	XMRP = YMRP = ZMRP =	CN MIS
H H H H	REFERENCE DA	A.FT. NCHES NCHES	
MET MET MACF		SREF = LREF = BREF = SCALE =	

(RTU366) ( 03 OCT 74 )

AEDC/VAS28 (TAR7) -O1ETIS1-ORB/ET W R/H SRB SEFAR.

PARAMETRIC DATA

CLTALF CLTBTA		1026.16	.0831210414	11997 \$7990.	0001107749
	01554 .00001			•	
	02878				
3	.15162	.15473	.15678	115917	.15833
3	.18283	.19385	.25462	.29803	.29864
~	-100.220	266	98.389	197.200	490.279
	8	42	5	9	12.649

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(RTUD66) ( 03 OCT 74 )

## AEDC/VAS20 (IA67)-O1ETIS1-ORB/ET W R/H SRB SEPAR.

z 2690.	2690.0050 Se.FT.	e dige	.NI 0000.1601	×			KACH.	н ,	4.520 PTOTI		90.200
	1290.3050 INCHES 1290.3050 INCHES .0105	H H G-1842	.0300 IN.	: X			ALFHA V X			CBETA =	66
	-	RUN NO. 1907 D		RN/L = 5.85							
>	2	3	ర	3	Շ	Š	ម	DLTALF	CLTBTA	×	
190.659	-101.190	.19787	.15550	03595	91121	.00303	.00249	57650.	.02671	299,90000	
102.290	-1.886	.19936	.15621	03635	01582	96700	.00179	50760.	10968	299.94000	
192.449	99.435	.20296	15791	03685	01425	.00465	92200.	.03809	05360	299.94000	
100.040	199.630	.21457	.16113	04335	01222	.00528	.00105	.01401	02207	300,0000	
199,529	399.630	.20162	.15761	03889	.00086	.05127	79000	.01681	01117	299.88500	
	_	RUN NO. 1917 D		RN/L = 5.85	į	į	į	i i	d	2	
<b>&gt;</b>	2	3	5	3	5	5	5	בר בריים בריים	200		
199.160	-100.269	.20540	.15895	04121	01704	.01092	00091	00301	.04678		
199.210	-1.130	.20708	.15971	04165	02095	.01300	-,00084	.05763	.03296	299,87000	
200.320	766.66	.21999	.16915	04339	01781	4711C.	.00038	50210.	01883	299,95000	
201.120	199.980	.21272	15794	04629	05821	.07694	00119	.01191	01965	299.88000	
196.515	390.720	.19652	.15726	03517	.00508	00145	.00074	.94746	.06487	299,94555	
	-	RUN NO. 1927 D		RN/L = 5.85							
>	2	3	5	Ş	Շ	Š	ਵ	CLTALF	CLTB TA	×	
400.460	-100.110	.25129	.15862	03892	.09520	00129	00094	.00762	00558	299.95000	
496.590	.734	.20011	.15808	93823	.90566	00172	00051	03650	51782	299.96000	
399.260	100.785	.29111	.15831	03884	.00545	00166	00089	52843	.03749	299.90000	
399.335	200.540	.19970	.15825	93792	.05576	05192	00071	00920	.94571	299.92000	
000				40.00				1000	1	1 1 1 1	

# AEDC/VASEB (TABT) -OIETISI -ORB/ET W R/M SRB SEPAR.

IABY TABULATED SOURCE DATA

(RTUD67) ( 03 OCT 74 )

000° 000° PTOTL = BETA = CBETA = PARAMETRIC DATA 4.520 10.390 5.000 300.000 MACH = ALPHA = DALPHA = X SREF = 2690.0000 30.FT. XHRP = 1097.0000 IN. XT LREF = 1290.3000 INCHES YHRP = .0000 IN. YT BREF = 1290.3000 INCHES ZHRP = 450.0000 IN. ZT \$CALE = .0100 REFERENCE DATA

# RUN NO. 1967 D RN/L = 5.86

<b>&gt;</b>	~	3	5	CLX	Շ	Š	e e	DLTALF	CLTB TA	×
11.150	-98.436	.17958	.15348	02457	02585	.00373	.00563	4.94180	99751	299,77000
19.992	958	.19835	.15449	03106	12076	.00140	.00515	5.02260	04793	299,88000
9.883	100.789	.20573	.15722	03369	00490	00336	.00381	4.96770	.91527	299.82000
9.915	199.050	.20762	.15989	03636	.90351	55439	.00187	5.06430	.04723	300.05000
11.030	399.570	.20564	.15856	04080	.00274	-,00048	.00050	5.02460	02142	300.14000
		RUN NO. 19	195/ O RN	RN/L = 5.86						
>	~	ž	5	ž	ბ	Š	<b>e</b>	CLTALF	0∟TBTA	×
98.835	-98.794	.19583	.15491	03440	01847	.00569	70500,	4.95360	904 73	299,76000
98.486	152	.20289	.15615	03797	01880	.00555	.00201	5,03730	.04007	239.89000
150.920	99.651	.20396	.15820	13666	01464	.00451	.00297	5.02720	03920	299,93000
100.230	199.850	.21848	.16151	54573	01053	.00459	.00067	5.02470	00047	299,79000
100.670	491.349	.20098	.15774	03828	.00141	69000	.00081	4.97215	55090	299,74000
		RUN NO. 15	1947 D RN	RN/L = 5.85						
<b>&gt;</b>	2	3	ర	3	Շ	S.	ฮ์	CLTALF	CL TB TA	×
200,100	-99.937	.20729	.15913	94213	02204	.01346	00068	5.01179	00549	
202.819	.158	62602.	.15986	04299	112499	.01515	00076	5.02010	08114	
299,729	192.379	.21129	.15985	04417	01830	.01191	.00056	4.908/30	03676	
200.360	199,660	.21341	.15773	04703	96966*-	.03626	00166	5.51860	50045	
201.000	399.719	.19638	.15727	03512	.00547	50175	2,000.	5.02690	01887	299.97555
		RUN NO. 1	1937 D RN	RN/L = 5.86						
<b>&gt;</b>	2	3	5	3	Շ	Š	<del>ව</del>	<b>SLTALF</b>	CLTBTA	×
491.439	-191.139	.20227	.15853	03969	.00505	00122	00113	5.05440	03302	299.99000
402,300	-1.162	.20139	115817	03908	.00561	90164	00074	5.05260	55481	
401.810	99.632	62102.	.15816	03943	.00559	00169	99111	5.02170	02220	
399.930	200.690	.19934	.15809	03766	.00594	-,00199	00059	4.96870	.04110	
499.719	399.655	119577	.15839	03470	.95649	05248	69000	5.02260	00779	299.97000

(RTUD68) ( 03 OCT 74 )

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- 5.86  - 5.86  - 1.000  - 277  - 2.86  - 1.000  - 2.77  - 2.86  - 1.000  - 2.86  - 1.000  - 2.86  - 1.000  - 2.86  - 1.000  - 2.86  - 1.000  - 2.86  - 1.000  - 1.86  - 1.000  - 1.86  - 1.000  - 1.86  - 1.8	DATA
CY	XMRP = 1097.0000 IN. YMRP = .0000 IN. ZMRP = 450.0000 IN.
CY CYN CBL DLTALF DLTBTA0356600134 .00641 5.02680066580356400134 .00541 5.02680066580039401061 .00383 5.0130002614 .0074701236 .00442 5.01490 .02170 .0074701236 .00442 5.01490 .02170 .007640039900144 5.08990 .02170 .007640039900144 5.08990 .021700352107242 .00447 5.00840031820352107242 .00447 5.00840031820352107374 .00348 5.01880031820365400032 5.01880040010565400032 5.02800017650265400032 5.02800015240253 0007200179 5.028000152402535 .01210 .00010 5.014500220501804 .01903 .00010 5.014500220506103 .00239 .00157 5.0421003331	191
0356600134 .00641 5.0268006580336100713 .00596 5.02010049690039401061 .00383 5.01300049690037201236 .00442 5.01490 .02170046760123900144 5.08690 .021700372100242 .00447 5.08690 .031820352700374 .00348 5.01860031820552700374 .00348 5.01860035460161100404 .00179 5.0356004051055306300179 5.03500175502348 .0118600179 5.03500122602348 .0118600179 5.0350022650235 .01210 .00010 5.0145002265051804 .0118000137 5.045002233	<b>3</b>
0238100713 .00596 5.02010049690039401061 .00383 5.0130002814 .0077401236 .00442 5.01490 .02170 .0077640039900144 5.08099 .082170  CY CYN CBL DLTALF DLTBTA03502100242 .00447 5.00840031820552700374 .00348 5.01860031820552700374 .00348 5.01860035460161100404 .00179 5.035600176502520007200179 5.03500162402348 .0118800039 5.096900155902395 .01210 .00010 5.014500220501804 .01703 .00022 5.019700220501804 .00339 .00120 5.04500220501804 .00339 .00157 5.0421003331	689
0039401061 .00383 5.013000261400374701236 .00442 5.01490 .021700077640039900144 5.08090 .08949  CY CYN CBL DLTALF DLTBTA0372100242 .00447 5.00640031620252700374 .00348 5.01660035460161100404 .00179 5.0360035460161100404 .00179 5.036001765026340007200179 5.026000162402346 .0116600039 5.096900155902395 .01210 .00010 5.014500220501639 .01210 .00010 5.014500220501639 .0022900179 5.0333103566	.19758 .15266
65 CY CYN CBL DLTALF DLTBTA037640039900144 5.086990 .08949 CY CYN CBL DLTALF DLTBTA03762100242 5.08490031820252700374 .00346 5.01860035460161100404 .00179 5.0360035460161100404 .00179 5.0356004051055400404 .00179 5.035001624055540007200179 5.025900162402348 .0118600039 5.096900155902395 .01210 .00010 5.014500220501804 .01903 .00120 5.014500220501804 .01903 .00157 5.0421003331	
CY CYN CBL DLTALF DLTBTA030721007242 .00447 5.00840031820252700374 .00348 5.01880033460161100404 .00179 5.03560040011025270007200179 5.035600162402348 .0118800178 5.026900162402348 .0118800039 5.096900155502348 .01100 .00010 5.014500220501804 .01003 .00010 5.014500220501804 .01003 .00010 5.014500203501804 .01003 .00010 5.0145002035	.20182 .15529
CY CYN CBL DLTALF DLTBTA0302100242 .00447 5.0064003182025270374 .00348 5.01860035460161100404 .00179 5.0356004001056540037200179 5.0256004001056540037200179 5.0256001765052540037200179 5.025000162402346 .0116600179 5.025000155502346 .0116600359 5.096900155502355 .01210 .00010 5.014500220501635 .00239 .00010 5.014500220500103 .00239 .00157 5.0421003331	1987 0 RN/L
03072100242 .00447 5.00840031820252700374 .00348 5.01880035460161100404 .00179 5.0356004001055400032 .00179 5.025600400105540007200178 5.02300162402348 .0118800039 5.09690015550235 .01210 .00010 5.014500220501804 .01003 .00010 5.014500220501804 .01003 .00022 5.019700220505618 .00339 .00157 5.0421003331	<b>5</b>
0252700374 .00348 5.01880035460161100404 .00179 5.0356004001055400032 5.028000400105540007200179 5.025600400105540007200179 5.02300162402348 .0118600039 5.09690015550235 .01210 .00010 5.014500220501804 .01903 .00022 5.019700220505618 .00359 .00157 5.0421003331	- 15157 . 15439
0161100404 .00179 5.0356004001 005540007200179 5.023001624 .002250007200178 5.0233001624 .0234 .0118600039 5.0969001555 0235 .01210 .00010 5.0145002205 0239 .01210 .00010 5.0145002205 02103 .0022 5.01970022496 00103 .0023000157 5.0421003331	.15450
005540007200176 5.0280001765002250007200176 5.0233001624016240162500176 5.02330016240162401634 6.0116800139 5.0969001555023950121000010 5.0145002505018040100300010 5.014500220501804010030010 5.0145002205022050010500105 5.0421003331	- 25523
06  CY CYN CBL DLTALF DLTBTA 3 1023461016410179 5-06990101555 102346 -0116410139 5-06990101555 102395 -01210 -00010 5-0145010255 101804 -01003 -00010 5-01450102496 1010310157 5-04210103331	.15881
CY CYN CBL DLTALF DLTBTA 302348 .0116800039 5.096900155502395 .01210 .00010 5.014500220501804 .01003 .00022 5.019700249600105 .00239 .00157 5.0421003331	.21466 .159140
CY CYN CBL DLTALF DLTBTA 1.02348 .01168010359 5.096900155502395 .01210 .00010 5.01450022050220502604 .01003 .00010 5.0145002205024500249602616 .00159 5.042100576505105 5.0421003331	RUN NO. 1997 0 RN/L =
02346 .0116400059 5.096900155502395 .01210 .00010 5.014500220501804 .01003 .070022 5.019700249600618 .00359 .00160 4.964300576500105 .0023000157 5.0421003331	CA CLM
02395 .01210 .00010 5.0145002205 01804 .01003 .00022 5.0197002496 00618 .00359 .00160 4.9643005765 00105 .0023000157 5.0421003331	
-,01804 ,01003 ,00022 5,01970 -,02496 ,,00618 ,00359 ,00160 4,96430 -,05765 ,,00105 ,00230 -,00157 5,04210 -,03331	. 15831
00618 .00359 .00160 4.9643005765 . 00105 .0023000157 5.0421003331 .	•
00105 .0023000157 5.0421003331	15914
	0 21183 .15792
	CN CA
OF CY CYN CBL DLTALF DLTBTA X	.20245 .15869
CY CYN CBL DLTALF 46 .00139 .0017500121 5.01620 -	.20241 .15805
CY CYN CBL DLTALF DLTBTA : .00139 .0017800121 5.0182001683 .0058001840 4.99240 .01504	•
CY CYN CBL DLTALF DL18TA 00139 01175 00121 5 01820 01663 00265 00046 4.99240 01504 00393 00055 00019 502010 00076	.15784
CY CYN CBL DLTALF DLTBTA (1973) (1973) (1974) (1974) (1973) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974)	.19677 .1580403551

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	REFERENCE DATA	174						PAR	PARAMETRIC DATA	CATA	
\$ £ £	2690.0000 54.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XXXXP II YVXXP II ZXXXP II I	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	N. XI 17. Y 17. Z			HACS ALPHA SALF		4.520 10.300 -5.000	PTOTL BETA CBETA	000. 000. 1
		RUM NO. 25	254/ D RN	RN/L = 5.86							
<b>&gt;</b>	2	3	3	Ę.	გ	S	e	CLTALF	CL TB TA		×
10.636	100.000	.19776	.15356	90620	01482	00649	.00329	-4.97840	00797		08220
11.124	399.650	.21437	.16995	04339	.00056	-,99339	00063	-4.98590	02392	-	51940
		RUN NO. 20	203/ 0 AN	RN/L = 5.86							
,	•	3	3	¥	S	£	ಕ	CLTALF	CLTBTA	7	×
100.350	199.189	20144	.15589	03252	-,91925	00228	.00103	-4.99370	01200		09157
	100.050	27690	15793	03572	51225	00027	00100	-4.99310	92772		16288
101.515	401.010	.21440	.15954	94527	.00033	.00025	00138	-5.02210	95436		00093
		RUN NO. 25	202/ O RN	RN/L = 5.85							
,	•	č	5	¥	č	ž	ਉ	CLTALF	CL TB TA	2	×
- 5	, ;	2000	16011	74155	91619	99600	00048	-4.99550	01789		97794
0.00	200	21025	15995	(4375	03955	.07641	00052	-4.98369	-,00965		04312
200.500	399.640	77212.	15819	74666	00218	.00300	96177	-4.99130	-,00596	·	08842

x -.15116 -.01398 -.13338

CLTBTA -.04493 -.04984 -.01159

DLTALF -4.98590 -5.03070 -4.99510

GBL .00003 -.00039 -.90048

CVN -.00152 -.00155 -.00202

CY .00519 .00518 .00601

CLM -.03800 -.03896 -.03750

CA .15810 .15771 .15779

CN .20050 .20143

2 99.556 200.390 399.640

491.150 402.699 401.979 >

(RTUD70) ( 03 OCT 74 )

# AEDC/VAS28(1A87)-OLETIS1-OMB/ET W R/M SMB SEPAR.

_	REFERENCE DATA	474						PARAP	PARAMETRIC DATA	<	
SALE = 1890. LIEF = 1890. SCALE = 1890.	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	H # # # # # # # # # # # # # # # # # # #	1097.0090 IN. XT .0000 IN. YT 450.0000 IN. ZT	N. XT			MACH ALPHA CALPHY X	n n n n	4.529 PTOTL 10.300 BETA -5.000 DBETA 300.000		002.09 000.
		RUN NO. 2	205/ O RH	RHA = 5.85							
7 11.245 13.593 12.446	2 96.645 200.030 491.249	CN .20104 .21023	CA .13619 .15645	CLM 03247 03609 04978	CY -,01469 -,00735 -,00154	CYN .00152 .00002 .00133	CBL .00343 .00176 00160	CLTALF -4.94300 -4.99120 -5.03610	DLTBTA 06907 01499	X 299.81000 299.80000 300.13000	
		RUN NO. 2	206/ G RN	RM. = 5.86							
7 96.792 190.249 190.749	2 99.558 199.750 399.810	CN .20329 .21210 .20500	CA .15784 .16037 .15760	CLH 03775 54186 04143	CY 01376 01431 00027	CYN .093436 .09581 .09178	GBL .90118 .90113 .90905	CLTALF -4.95570 -4.96560 -4.96800	DLT81A .06037 01051 01878	x 00036-662 00008-662 00008-662	
		RUN NO.	207/ O RN	RHVL = 5.85							
7 201.380 200.880 201.881	2 99.012 200.140 399.160	CN .20903 .21361 .19634	CA .16057 .15864 .15738	CLM 04266 04667 03511	CY 01930 01107 .00408	CYN .61266 .00851 00079	CBL 90945 90119 .90978	6,14,F -4,98840 -4,98840 -4,97520	CLTBTA 03722 91531 .02235	X 299,79000 299,87000	
		RUN NO. 2	NB 6 /962	1947 = 5.85							
4 400.390 400.040 400.490	200.036 200.030 200.040	CN .29961 .29944	CA .15845 .15847	CLM 03637 03642 03467	CY .00546 .00560 .00644	CYN 90166 90178 90248	CBL -,000070 -,00090	DLTALF -4.99190 -5.03460 -4.99120	0.7874 00649 .01594 01073	X 299.97000 299.95000 299.91000	

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### IAST TABULATED BOUNCE DATA

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		AECE/VASSB(IAST)-OLETISI-ORB/ET WIRM SUB SEPAR.		3		3
NEFERENCE DATA				PARAMETRIC DATA	4.30 3	
1250.3000 30.FT. XH 1250.3000 1NCHES YH 1250.3000 1NCHES ZH	222	YMARP E 1097.0000 IN. XT YMARP E .0000 IN. YT ZMARP E 450.0000 IN. ZT	HACH E ALPHA E DALPHA E	4.320 10.300 .000	PTOTL BETA CBETA	

<b>&gt;</b>	~	3	5	Ę	Շ	ž	<b>5</b>	DLTALF	DL TB TA	×
100.419	-199.160	.19762	.15539	04032	03616	99000	.00268	.01479	-4.05949	06868
2.27	025	19604	.15362	03110	03980	.00206	.00431	00030	-4.94099	17197
99.236	2.27	22512.	.15456	03710	(12875	09000	.99154	.01015	-4.91019	28361
000.001	200.090	.21451	.15678	03729	91415	00066	.00263	99479	-4.04959	10690
191.390	405.590	.21633	.15945	04757	.90082	00025	•:00500	01375	~4.06230	52228
		26 NO.	E10/ 0 MM	MAY. = 5.85						
<b>&gt;</b>	~	8	3	ð	ځ	£	ಕ	OLTAL!	AT8TA	×
3.300	-100.090	97602	.15926	04340	(2823	10510.	00014	16010.	-4.02530	26807
199.700	172	25065.	5636	04222	-,03126	.01339	¥1000°	.51150	-4.91799	14042
060,003	\$.773	.21248	.15650	04423	72760	01330	11000	.01151	27.91779	03946
197.173	200.690	0712.	.15946	94781	51822	.01057	-,00075	50840	-3.92250	20457
133.685	399.610	.21661	.15829	-, D4954	00273	.07298	00227	.01599	-3.99320	02201
		RUN NO.	209/ 0 RM	RM/L = 5.86						
•	~	3	5	3	გ	Š	ਵੱ	CLTALF	CL TB TA	×
399.480	-191.300	78902	.15916	04254	-, 00065	.90353	-,90277	.98054	-3.94810	2160
000.100	106	1602.	.15845	54212	.0000	.00248	OCI202	.05692	-4.03290	06175
130,100	\$3.1%	97202.	.15784	63970	.07228	.00064	-,00045	. 03:123	-4.05880	05617
402.220	200,449	.20360	.15768	04569	.05331	00013	00073	52395	-4.03769	52223
0680	300,040	19947	.15776	-,53773	.07611	00210	-,00048	.01098	-3.99930	04649

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(NTUD72) ( 03 OCT 74 ) AEDC/VASEB (TABT) -OLETISE-ONB/ET WIRM BAB BEPAR.

	REFERENCE DATA	2						4	PARAMETRIC DATA	ATA	
1807 : 2000. 1807 : 1290. 1807 : 1290. 1804.	1290.0000 98.FT. 1290.3700 INCHES 1290.3000 INCHES .0100		1097,0000 IN. XT. .0000 IN. YT 490,0000 IN. ZT	N N N N N N N N N N N N N N N N N N N			A CALPA	- X	4.320 P 10.300 8 000.00	PTOTL = BETA = CBETA =	90. ± 000. ±
	-	RUN NO. 212/ 0		RW. = 5.86							
•	~	3	3	5	t	Ē	ਵੱ	DLTALF	DL TB TA	×	
190.848	-100.549	20796	.15594	-,04390	02024	90900	06000	66620.	-4.03349	000090.000	8
101.101	-2.379	20306	.15500	03890	026.12	70900.	90200	90060	-4.11970	0 300.03000	Ę
193.240	\$9.443	61013.	. 15699	04062	02205	S6700.	62200	.04194	-4.111.00	0 300.17000	8
99.215	199.730	.21938	.16034	94513	01691	.00640	02100	.01238	-3.99940		8
226.06	399.600	\$0802	.15765	04199	-,00022	.00169	.00043	.01956	-4.00219		200
•	- N	OH NO.	213/ G RN	RN7. = 5.86	5	Ē	ð	D. 7A. F	O. 18 TA	×	
199.943	-100.060	.21490	16091	04769	02352	.01365	-,5.218	.01604	-4.01150	CCC66,682 C	8
196.350	-1.003	1.20874	.15832	DA247	02610	.01527	<b>37000</b>	.04378	-3.97050		90
199.590	99.963	.21328	.15962	04519	02694	.01569	-,99919	.01686	-4.00860	000009.662 0	8
199.710	200.169	\$0022.	.15847	05008	91551	.01086	00160	.90464	-4,00360	00028.662 0	80
199.960	399.560	.19719	.15726	03576	.00319	90018	61000.	.01536	-4.00310	0 299,94000	8
	-	NO.	214/ 0 RN	RN7L = 5.86							
•	~	3	3	<b>™</b> J	b	Š	ĕ	CLTALF	Q.TBTA	×	
470.479	-190.939	<b>969</b> G2.	.15661	04179	. 93444	00062	96100:-	.01594	-3.99120	0.299.89000	8
420.179	164	98702	.15037	04165	. 99474	00100	90175	.01882	-3.99150		8
(10).280	101.249	29252	.15823	03995	61500	00145	99114	06360	-4.95159	0.299.94550	8
394.739	200.490	20190	.15844	93943	.00551	-,90179	99124	91690	-3.94090	CO296.99500	8
394.725	400.260	.19559	.15834	03465	.03621	00244	.00065	.00299	-3.91120	0 299.77900	8

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## (ATUD73) ( 03 OCT 74 ) AEDC/VAS28 (TABT) -OLETISI-ORB/ET W R/M SAB SEPAR.

	NEFENDICE DATA	2						2	PARAMETRIC CATA	TA
MET = 7480.9990 LRET = 1289.3999 MET = 1289.3999 MALE = 1389.3999	.3000 34.FT. .3000 INCHES .3000 INCHES .0100	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1997.0000 IN. XT. .0000 IN. YT 450.0000 IN. ZT	## ## ## ## ## ## ## ## ## ## ## ## ##			MON ALPWA SALPWA X	- 8	4.520 PT 10.300 BE 5.000 CB	PTOT, s 90.200 BETA s .000 CBETA s -4.000
	-	RUN NO. 21	217/ 0 RM	RN.7 = 5.85						
	~ 4	5	45	CLN	t	£	ಕ	OLTALF	CL TBTA	
\$6.155	465	11602	15552	04161	16731	61600	3X20.	5.05260	-3.95900	299.57900
190.919	99.651	19602	.15759	21680	01964	39500	.00313	5.02540	-4.94789	399,96000
196.04	\$10°00 <b>3</b>	10222.	.16143	04689	91591	99800	67000	4.99270	-3.98670	299.61930
101.710	499.949	.20353	0.0881.	03992	.00052	.00135	1,000	4.96125	-4.06480	300.02000
	•	RUN NO. 21	216/ 0 RN	RML = 5.86						
•	2	3	3	3	ځ	Ē	é	CL TALF	AT 8T	*
199.330		M102.	.15833	04235	16620:-	.01665	00066	5.01430	-3.99900	299,79000
116.35	.524	.21146	.15820	04423	03225	.9175S	0006\$	4.99260	-4.09615	399,12999
200.500	132.145	.21618	.15992	04699	72775	.01605	STATE.	4.9178D	-4.51939	299,86000
136.060	201.560	.22123	.15623	93168	51379	67600.	95189	4.96360	-3.90439	299. 7007
20.37	399.650	.19738	.15729	50563	.00355	-,00046	.00081	5.91779	-4.01189	390.57700
	•	RUN NO. 21	215/ 0 RMA	L = 5.56						
•	~	ટ	5	<b>*</b>	č	Š	චි	CA TALF	AT 8T A	×
100,174	-101.400	.20581	.15836	54244	.95432	690000-	90202	5.06320	-4.02789	399,9900
401.750	-1.169	.20447	.15415	04139	CALERS.	00122	90146	5.05649	-4.05850	399.19999
478.580	<b>306.</b>	.20330	15796	54759	.0531	00138	50137	5.05119	-4.57119	399,13999
400.910	200.320	.20147	.158.15	03927	19800	00176	50110	4.99660	-3.95049	299.93000
397.620	400,040	.19571	.15834	03468	.00641	90259	.00068	5.00690	-3.99540	299.93/200

ORIGINAL PAGE E

PARAMETRIC DATA
IEFENENCE DATA

ľ		•						2	PARAMETRIC DATA	CATA	
0000 0000 1240 3000 1240 3000	1290.0000 84.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	# F &	1097.0000 IN. .0000 IN. 450.0000 IN.	in. Tr.			∄ ₹ 8 ×	MACH E ALPMA E CALPMA E	4.520 10.390 5.000 .990	PTOTL BETA CBETA	90.200 = .000 = .4.990
	•	RIN NO. 2	218/ S RN	RN.7 = 5.85							
	~	3	5	ð	۲	Ē	é	DL TALF	C. 18 TA	2	×
<b>3</b> .151	-99.721	19235	.15449	03441	04607	00400	90834	5.00190	7	·	15775
195.169	461	10902.	.15340	93432	93772	93134	203.62	5.01650	·		100
<b>11.83</b>	\$2.475	10912.	.15426	03620	02112	-,00464	20154	5.02090			
130.00	196.190	22712	.15821	03797	00910	00220	92200	5.04979			205.05
00.001	399.663	.21779	.15916	04771	.90163	00074	90217	5.02290		£	. 50342
	- ~	2 · · · · · · · · · · · · · · · · · · ·	219/ D RN/	RML = 5.86	٤	Ē	ŧ	ě		:	,
. 051.001	-150.150	.21618	.15929	04759	0350	191393	1000			<u> </u>	4444
	-2.053	.21663	.15639	94725	03559	70810	- 90005	5.00010	1,000.1		5. A.A.A.
	99.705	.21448	.15062	04499	72758	.01279	99000	5.92220		<u> </u>	31147
_	199.660	.21417	.15970	04533	01325	02700.	.00044	5.02350	-4.91249	5	35118
31.15	396.765	10912	.15779	04908	93249	.00265	<b>+22</b> 00*-	5.04520		S	. 57495
	~	RUN NO. 2	220/ 0 ANA	RN7 = 5.06							
	2	3	5	3	ځ	£	ಕ	CL TALF	AT 87.	<u> </u>	<b>1</b> 4
- 099.00+	-100.370	. P. 1696	.15062	04293	(77219	.00439	90: 73	5.02450	-4. mg 50		47747
499.050	.45	250435	. 15052	94976	09090	2000.00	22100	96050	-3.976.7		957
399.200	199,469	12033	.15766	-,94917	30005	.90140	95052	05155.4	-3.96610		2002
	199.920	E 102.	.15769	04126	12250	.00059	16000	5.92267	-3.99100		angue.
130	396.960	19624	.15763	93649	. 90369	912U-	90016	5.549.1	-4.56689		43896

. .

CATE TO MAY 75	•			IAB7	IAA7 TABULATED SOURCE DATA	OURCE CATA				PACE 63
			AESC/VAS	AEDEZVASSB (1487) -OLETISI -ORBZET LI RZM. SKB. SEPAR	ET151-06B/E	T L E/M SKB	SEFAR.		(810018)	( 93 OCT 74 )
	REFERENCE DATA	<b>5</b>						PAR	PARAMETRIC CATA	
3.467 = 2690,0000 8465 = 1290,3000 1465 = 2690,3000	.9099 \$4.FT3999 INCHES .3999 INCHES	· · · · · · · · · · · · · · · · · · ·	1997,0005 IN. XT .0000 IN. YT 450,0700 IN. ZT	IH. XT IN. YT 77. ZT			A SA X	11 H H H L	4.529 FTOTL 10.300 BETA -5.000 SBETA .000	A = .000 1A = .000 11A = -4.900
		FUE 150. 12.	223/ D AN	RN-L = 5.85						
٠	~	3	5	ð	ò	C	ŧ	DLTALF	CLTBTA	×
<b>39.6</b> 00	100.119	23902	.15556	1980	-,03163	27006	1.00. 1.00.	-4.99340	-4.01715	13392
101.101	199.96 100.990	76612	15954	5482A	06511	.00323	02100	-5.00690	-4.041.69	21010
	-	RUN NO. 2	222/ () RN/L	A = 5.45						
•	ř.	3	3	3	გ	₹ G	ਰ	CLTALF	St. TBTA	×
199.119	109.949	.21353	.15076	984	52735	.01336	-, n3124	-4.99439	-4.01049	17964
196.13	201.960	21634	15987	5787.1	- 72253	\$1275	02264	-5.09280	-3.93550	11938
			221/ D GH/L	5.55 5.55						
•	•	3	3	<b>3</b>	č	É	뤈	CA TALF	Q. 18 TA	×
(A)	GP1.98	29802	.15614	<b>9</b> 8.00	.00169	21116	50166	4.93570	-4.72965	12423
473.183	198.465	\$1802.	.15784	7 m	.00334	- 90011	09000	-4.96540	-3.99806	12905
401.170	399.150	.201's	115771	Refu -	, n 1535	621007-	70106	-4.98475	-4.01219	.09249
			AE DOVVA 52	AEDCVVASZREIART) HOIETISI HORBYET WIRM SRB SEPAR	:T151-362/E1	## S. S. S. S. S. S. S. S. S. S. S. S. S.	SEFAR.		(810076)	( 53 OCT 74 )
	RETERENCE CATA	2						FAR	PARANETRIC DATA	•
			** ** *** ****	,			3		A 420 ETOTE	
	Word Inches		AL COOL	. F			4 H			. "
£.		ZHE II	450,000				¥Ü×			
		2	0 7866	10 E					ı	
1				1	2	Ž	Ē	1 d	Ĕ	<b>3</b> -
171.823	3.7	. 27965	15692	- ,54090	-,92490	99900	20135	£.94523	-4.05680	399.19500
100.561	386,779	71915.	.15943	-, 54526 -, 54462	-,02505	06900.	.00025	-5.00070	-3.99160	299.87000 299.95000
	•	RUM NO. 22	225/ 0 EN/L	بر : ۰. م						
•	~	z,	5	CLM	5	ž	ಕ	CLTALF	OL TOTA	×
Frv. 290	12.721	71212.	15952	04449	02699	91549	-, 9006a	-4.95799	62966.7-	299.82000
100.419	200.120	1, 122.	. 1394	\$150°.	2016	97570	# 100 ·	C. 70	-3.92.75	299.83.83
		:								

99.299 .999 -4.999

PTOTL BETA CBETA

# AEDC/VA528 (1A87) -OIET1S1-CRB/ET W R/H SRB SEPAR.

(RTUD76) ( 93 OCT 74 ) PARAMETRIC DATA

ATA	
ENCE D	
REFE	

SREF	#		YMOR	•	1007 000 1v vt			,
			•	ı		HACH	4.38	2
LREF	Ħ	LREF = 1290.3070 INCHES	Y MARP	"	TY NI 0000. = 984Y	AH PHA = 10,300	10.30	5
BREF	24		7400	,	- 480 magn 111 34			
					17 - MT manners	CALPMA =	-2.0	
SCALE	11	.0100				**	390.00	2
						•		į
		•	-	-				

### RN/L = 5.85 RUN NO. 226/ 13

X 300.02000 300.06000 299.66000
DLTBTA -4.00610 -4.03670 -3.89970
DLTALF -4.98840 -5.06560 -5.02350
CBL 00139 00135 .00065
CYN 00127 00159 00245
CY .00462 .00527 .00617
CLM 04038 03969 03469
.15836 .15832 .15832
CN .20325 .20206 .19580
2 99.930 201.160 400.500
450.740 450.690 396.520

# AEDC/VAS28 (IA87) -OIETISI -ORB/ET W R/H SRB SEPAR.

(RTU077) ( 03 OCT 74 )

PARAMETRIC DATA

### REFERENCE DATA

500	BETA = 000		25.0
		1 1	,
)TOTA	RETA	700	1
1550	10.300	C	666
"	H		
3	¥ ¥	PHA PHA	
= 1097.0000 IN. XT	YMRP ≈ .0000 IN. YT	= 450.0000 IN. ZT	
"	**	"	
X	Ţ	Ě	
2690.0000 SQ.FT.	LREF = 1290,3000 INCHES	1290,3000 INCHES	.0100
#	**	H	#
SREF	LAECT		SCAL

## RUN NO. 228/ 5 RN/L = 5.06

X 26511 20537 02013 -05363	X 09579 03945 .01632
CLTBTA -8.03900 -8.04190 -8.03820 -8.03790	DLTBTA -7.99020 -8.03210 -8.54850 -8.59649
DLTALF .03036 .01168 .01956 .01313	DLTALF .01547 .08561 .03837
CBL .00063 .00047 0029 00254	CBL 00349 00315 00230 00115
CYN -01673 -02016 -01793 -01443	CYN .00743 .00588 .00381 .00193
CY 04411 05076 04211 02963 09451	CY 00610 00446 00197 .00027
CLM 04979 04924 05333 05317 05163	CLM 04557 54732 04460 03956
CA .15702 .15693 .15798 .15943 .15844	.15829 .15739 .15712 .15765
CN .21696 .22015 .22888 .22867 .22143 RUN NO. 22	CN .21084 .21301 .20899 .20619
2.150.250 133 99.663 199.860 399.670	2 -100.140 -1.294 99.307 199.410 399.770
7 200.610 200.960 201.130 201.00 201.150	7 399.670 490.670 491.310 493.130

DATE EN	DATE BO MAY 75				1487 7	1A87 TABULATED SOURCE DATA	MACE DATA				PAGE	2 2
				AEDC/VA92	AEDC/VAS28(1A87)-OLETIS1-ORB/ET W R/M SRB SEPAR.	T131-088/E1	T W R/H SRB	SEPAR.		(RTU078)	( 03 OCT 74	. 77 1
		REFERENCE DATA	. €						PAR	PARAMETRIC DA	DATA	
BAEF LREF BREF SCALE	2000.0000 1290.3000 1290.3000	.0000 80.FT. .3000 INCHES .3000 INCHES	H GENTA	1067,0000 IN. .0300 IN. 450,0000 IN.	7 7 7			MACH ALPHA DALPHA X		4.520 PT 10.300 BE .000 CB	PTOTL # BETA # CBETA #	90.20 .000 .6.000
		ď	RUN NO. 21	229/ 0 RN/	RN/L = 5.85							
	<b>&gt;</b>	~	8	ಶ	Ş	Շ	Š	é	DLTALF	OLTBTA		;
ž	078.103	-100.180	.22018	.15724	05171	03416	.01903	00337	.01672	-8.04210	309.04000	88
ĭ	197.490	-1.280	.21401	15797	04598	03815	01910.	00058	.05490	-7.92669		3 8
ă	201.320	99.981	.22924	.15882	04918	03720	.02003	-,00031	.01380	-8.03429		3 8
ā K	199.930	199.940 399.250	.19948	.15948	05723	.00062	.00147	.00072	96800*	-8.07660		8
		*	RUN NO. 2	230/ 0 RN/	RN/L = 5.86							
	1	,	ð	ð	<b>3</b>	5	Š	<b>ච</b>	CLTALF	OLTB TA	×	
į	- 1	7	2000	F 4 8 4 4	CK870 -	18.54.47	91000	00261	.91743	-7.99050	300,00000	8
ń	399.755	-150.160	206021	0000	20000	0.1419	- Original	19500	95609	-6,03050		9
n i	399.850	808 0.0	201120	4778	71670	100469	00194	00210	03766	-7.9848D	00016.662 0	8
ni	233.460	000 000	טפגטפי	16781	04106	70497	00141	-,00177	-, 92161	-7.91780		55
n iñ	399.970	399.730	.19565	.15821	03467	.00615	00245	.00065	.01735	-7,99920	299.78000	g
				AEBC/VA52	AEDC/VA528(1A87)-OIET1S1-ORB/ET W R/M SRB SEPAR.	ET151-OEB/E	TWR/HSRB	SEPAR.		(RTU079)	( 93 001 74	174.)
		REFERENCE DATA	2						g.	PARAMETRIC DATA	ATA	
SAEF LAEF BAEF SCALE	= 2690 = 1290 = 1290	2690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP = ZMRP = :	1097,0000 IN. XF .0000 IN. YT 450,0000 IN. ZT	IN. XT IN. YT IN. ZT			MACH ALPHA SALFHA X		4.520 FT 10.390 BE 5.000 CC	FIOTL = BETA = CUSTA =	000°9-
		-	RUN NO. 2	232/ 0 RN/L	ハュ 5.85							
	,	•	3	đ	X.	Շ	Š	ម	CLTALF	OLTB TA		
•	260	-179.080	.21287	.16946	04518	04017	.02157	-,99050	5.01540			5
, 6	201.010	165	.21818	.15858	04838	04200	.02131	00038	5.01490			8
ı Kı	200.600	99.467	.22291	.15938	05061	03659	.01936	. 15901	5.02340			8
•	200.980	199.590	.22926	.15876	05643	92149	.01376	00205	5.02330	-8.01460	0 390.01900	99
~	659.162	399.440	. 19865	.15711	03684	. 90123	Section.		3.116669			3

ORIGINAL PAGE IS OF POOR QUALITY AEDC/VAS28 (IA87) -OIETIS1-ORB/ET W R/M SRB SEPAR.

(RTU079) ( 93 OCT 74 )

PAGE

	90,206 .000 -8.000
	11 11 11
CATA	<b>F</b> × <b>F</b>
PARAMETRIC DATA	. 4.520 PTC 1 = 10.300 BET 1A = 5.000 GBE
	MACH = ALPHA = DALPHA = X
REFERENCE DATA	SREF = 2690.0000 50.FT. XMRP = 1097.0000 IN. XT LREF = 1290.3000 INCHES YMRP = .0000 IN. YT BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT SCALE = .0100

9	9
2 70	-
0 / 120	,
S	į
2	S

7000 0000 0000 0000
X 299.9900n 390.22900 340.22000 300.27000
CLTBTA -8.02280 -8.07120 -8.08450 -5.03070
5.07ALF 5.07580 5.06300 5.04470 5.01250
CBL 00263 00172 00179
CYN .00008 00119 00146
. 00358 . 00438 . 00486 . 00514 . 00528
CLM 04625 04553 04238 04104 03465
CA .15785 .15743 .15778 .15771
CN .21106 .20982 .20585 .20362
2 -1.01.290 -1.185 99.028 199.920 399.990
7 400.540 401.760 402.560 402.720 400.070

(RTUDBD) ( 03 OCT 74 )	FARAMETRIC DATA
AEDC/VAS28 (IA87) -OIETIS1-ORB/ET W R/H SRB SEFAR.	
	REFERENCE DATA

1.520	19.309 BETA =	5.000	.306
10	ALPHA	CALPHA =	" ×
097.0000 IN. XT	YMRP = .0000 IN. YI	450.0000 IN. ZT	
11	"	H	
XMRP	YMRP	ZHER	
2690.0000 SQ.FT.	LREF = 1290,3000 INCHES	1290.3000 INCHES	. 9199
**	**		II 
SACT	LREF		SCALE

000° 000° -8.000

	OLTB TA
	CLTALF
	ਵ
	Š
	Շ
RUN NO. 2337 9 RN/I, = 5.85	CA CLM CY
2337 9 RI	
FUN NO.	3
	2
	<b>&gt;</b> 3

291.120	-100.139	.21916	.15749	04969	95757	17175	POOR!	6.710	20.00	1070
200.860	183	.22578	.15768	05242	05073	.01823	.00045	5.02010	-8.04590	.2308.
201.170	199.740	.22167	.15836	05266	02350	.01164	00074	5.01850	-8.03670 -8.03670	.33793

	2	Š	5	G.	Շ	Š	ē	741	41.87	>
180	-109.369	.21212	.15765	54647	00878	.09914	00343	5.02090	4.010	A1763
149	.775	.21129	.15725	04612	00571	199665	F.8500	4 06900	7 04840	
560	190.319	.29566	.15746	54177	00388	00400	50100	4 99040	7 040 7	134.
397.940	250.285	.25643	.15735	04250	-,95194	FACTO	50100	4 90000	7 03430	7604
739	399.125	.29589	.15732	53886	. 60480	00134	20000	0.0000 F	00400.0	3.561.

11

CATE 29 MAY 75	25			1487	TABULATED	1487 TABULATED SOURCE DATA				PAGE 67
			AEDC/VA:	AEDC/VA528 (1A87) -OLETISI-ORB/ET W R/H SRB SEFAR.	LET1S1-0RB/	ET WRM SR	B SEPAR.		(RTUBAL)	( 03 OCT 74
	REFERENCE DATA	NTA						Ą	PARAMETRIC DATA	_<
SMEF = 2694 LREF = 1294 BREF = 1295 SCALE =	2690.0000 30.FT. 1290.3000 INCMES 1290.3000 INCMES .0100	XMRP = ZMRP = E	1097.0000 IN. .0000 IN. 450.0000 IN.	IN. XT			XOX	MACH = 1 ALPHA = 1 X = 1	4.520 PTOTL 10.300 BETA -5.000 CBETA .000	71L = 90.200 A = .000 TA = -8.000
		RUN NO. 2	236/ 0 Rh	RN/L = 5.85						
Y 200.770 205.900 201.640	2 99.686 199.690 399.660	CN .22924 .22954 .22350	CA .15812 .15892 .15762	CLM 05490 05373 05284	CY 04671 04071 00865	CYN .02071 .02035	CBL 00161 09035 09201	CLTALF -4.98810 -4.98640 -4.98030	CLTBTA -0.03530 -8.03890 -8.02300	X 31526 04092 -0628
		RUN NO. 2	235/ O RN	RN7L = 5.86						
<b>&gt;</b>		3	5	N)	Շ	Š	ĕ	CLTALF	CLTBTA	×
399.810 399.860		.21443	.15749	04852	00018	.00439	-,00359	-4.99030	-7.98659	02130
399.670	399.850	.29358	.15734	04097	.90429	<b>*6000*-</b>	00168	-4.98560	-7.98930	12946
			AEDC/VA5	AEDC/VA528 (1A87) -DIETISI-ORB/ET W R/H SKB SEFAR.	ET1S1-OKB/E	TWR/HSRB	SEFAR.		(RTU382)	( 93 OCT 74
	REFERENCE DATA	)TA						PAR	PARAMETRIC DATA	
SREF = 2690 LREF = 1290 BREF = 1290 SCALE =	2690.0000 80.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP = YMRP = ZMRP =	1897,0000 IN, .0000 IN, 450,0000 IN,	IN. XI IN. YI IN. ZT			MACH ALPHA SALPHA X		4.520 PTOTL 10.300 BETA -5.000 SBETA 300.000	1. = 90,200 A = ,000 fA = -8,000
	_	RUN NO. 2	2377 G KN	RN/L = 5.86						
>	2	3	5	Š	Շ	Š	Ö	C: 14: F	AT 87.	>
201.092	98.134	.21883	51931.	04841	93727	98610.	00052	-4.94590	-8.5/230	299.67555
200.110	399.850	.20279	.15613	04036	00058	.00217	00234	-4.9856ŋ -4.9856ŋ	-8.61595 -7.99485	299.70000 299.94000
	•	RUN NO. 21	238/ D RN/L	/L = 5.86						
•	2	3	3	CLM	č	CAN	ව්	CL TALF	C) TB TA	>
400.230	99.878	.21089	.15775	04637	.00411	99952	-,00333	-4.98661)	-7.99750	390,17999
400.170	399.810	.29419	.15781	04135	.00488	99125	00183	-5.03420	-8.04059	390.09000
			10011	6045111			1967	-4.99115	-7.99719	399,99000

KHOI

# AECC/VAS28 (IA87) -O1ET1S1-ORB/ET W R/H SRB SEPAR.

90.200 5.400 (RTUD63) ( 93 OCT 74 ) PTOTL = BETA = CBETA = PARAMETRIC DATA 4.528 -.400 MACH = ALPHA = CALPHA = XMRP = 1097.0000 IN. XT YMRP = .0000 IN. YT ZMRP = 450.0000 IN. ZT REFERENCE DATA SREF = 2690.0000 50.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0105

CALE =	.0106						*	11	.000	
		RUN NO.	243/ 0 RN	RN/L = 5.66						
<b>&gt;</b>	2	3	ð	Š	გ	Š	ਵ	DLTALF	CLTBTA	×
10.149	-99.945	05839	.18966	.01854	18630	.03382	01924	.04536	.01764	72610.
7.691	1.965	96743		.02722	18185	.03524	01980	03516	.08529	08039
9.927	1:02.010	06613		.02865	18283	.03754	01921	04221	.01411	01345
19.528	199.610	05723		.:P547	18807	.04383	-, 51962	.95879	01094	.02643
19.843	399.865	05487	.18963	.52137	17168	.04411	91794	.95369	91536	02564
		RUN NO.	242/ S RN/L	ハ= 5.85						
>	2	ટ	ర	ð	Շ	Š	ಕ	CLTALF	SLTB TA	×
99.209	-199.729	05759		.01886	18354	.04126	02053	.05632	. 56432	.01236
102.119	-1.889	56449		.02549	18695	.94361	92052	.11393	07596	03489
100.400	100.150	95844		.02337	18596	.04468	51941	.04152	-,00997	90122
193.659	200.180	54856	•	.01669	17977	.04654	51943	.65773	99555	.01415
191.829	451.329	-,05690	1900	.02165	17544	.04392	61797	51969	56476	.92147
		RUN NO.	241/ D FN/L	ル= 5.86						
>	~	3	5	C	Շ	ž	Ę	CLTALF	CL.TB.TA	×
200.619	-100.090	96399	19027	.92441	18032	.04833	01942	.05465	00555	.04429
199.010	297	06047		.02332	17977	.04816	91832	.98797	.01083	97558
299.729	199.919	05615	.19246	19020	17783	.94744	91834	.00578	02452	93229
200,359	200.919	05113		.91700	17472	.54586	51910	00591	51288	26699
196.770	399.495	05874	.18983	.02199	16853	.04321	91714	.05803	.04751	.52222
		GN NO.	240/ 0 RN/L	راء 5.85						
>	~	3	5	ţ	Շ	Š	ਭ	CLTALF	CLTB T.A	×
490.010	-100.260	06289	19004	.02467	16949	.04473	01758	.94781	.03364	95818
499.319	120.	96126	.18996	.02355	16811	.54334	51730	.04565	003 82	06671
440.359	99.951	05895	11901.	.02185	16758	.94315	-,01798	.94145	99769	15993
449.960	200,090	05881	.19665	.02157	16613	.94291	01838	.04337	01597	. 53915
400.430	400.349	06246	.19519	.52442	16441	.04060	91729	.03276	90197	59588

IA87 TABULATED SOURCE DATA CATE 20 MAY 75

69 ( 93 OCT 74 FAGE

(RTUD84)

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AEDC/VAS28(IA87)-O1ET1S1-ORB/ET W R/H SRB SEFAR.

90.200 5.400 .000 11 11 11 BETA CBETA PTOT PARAMETRIC DATA 4.520 000 399.000 MACH = ALPHA = CALPHA = = 1097.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT Y MRP ZWRP YARY REFERENCE DATA 2690.0000 50.FT. 1290.3000 INCHES = 1299.3000 INCHES

5.85

SCALE = LAEF BREF

399,02999 399,92999 299.95500 350,58000 300.03000 299.96000 399,91999 300.11000 299.97000 300.070.008 299.97000 300,03000 299.91000 299.93000 300,15000 -.01929 -.06795 -.00972 -.06781 -.54919 CLTBTA -.08677 .51790 .07681 .01894 -.05699 .02531 SL TB TA -.08844 CLTBTA .03824 .12549 .06534 .19514 CLTALF .08372 .07245 -.51931 .54742 .96591 .09548 .04055 .06211 .04366 -.00027 -.91869 -.91938 -.92191 -.91721 -.01819 -.01796 CBL -.01822 -.01951 -.01956 -.02032 -.01700 CBL -.:12282 -.51932 .04512 .54947 .54894 .54215 CYN .05228 .05163 10620. .04624 .04624 .04673 CYN .05067 .04884 .04519 -.18187 -.17147 -.18353 -.16647 -.19056 -.18552 -.18323 -.17938 -.19318 -.1A199 -.16415 -.18675 5.86 = 5.85 CLM .02314 .51515 .02444 .02047 .01392 .01866 .02208 .0199**6** .52264 .01659 .51506 CLM .91887 .02261 Š 11 RN/L = RNY がアイ 19144 .19170 .19167 18969 .19284 19261. .19313 .19043 .19148 .1953 .19485 1887 RUN NO. 2467 D c 244/ 0 RUN NO. 245/ CN -.05607 -.05576 -.04805 -.06071 -.06256 -.05694 -.05468 -.04518 -.05182 -.55039 -.55863 -.03657 -.95967 -.06927 RUN NO. 3 3 2 -100.930 98.818 199.930 2 -100,970 99.553 200.029 401.589 1.105 201.670 399.930 -.339 100.180 396.420 -101-279 199,759 191,929 199.980 010.205 12.879 12.359 202,019 290.879 201.639 1n.515 98.243 162.66

-.51732 -.91835 -.51737 -.01791 .04138 .04064 .04066 .04139 .04101 -,16541 -,16469 -,16468 -.16536 -.16499 RN/L = 5.86 CLM .52416 .02296 .02441 .02445 .19534 .19952 .19562 19549 .19035 RUN NO. 247/ 5 -.06248 CN -.:/6215 -.05959 -.06051 199.975 399.675 2 -195.239 -.052 100.339

401.220

399.260

401.000 400.660

299.96000 300.02000

299.94000

-.91625 -.01481 -.96855 .63597

DLTALF .04579 .05215

CLTB TA

299.99000

-. 004 84

.02382

299.94000

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I'M SRB SEPAR.

(RTUDBS) ( 03 OCT 74 ) PAGE 70

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	REFERENCE DATA	<b>*</b>						PAR	PARAMETRIC DATA	TA	
2690. 1290. 1290.	2695.0000 94.FT. 1295.3000 INCHES 1295.3000 INCHES	XMRP I	1097.0000 IN. .0000 IN. 450.0000 IN.	* * * *			MACH ALPHA X X		4.520 PTC 400 BE 5.000 CBI	PTOTL = 96 BETA = 1 CBETA =	5.450 5.450 .000
		RUN NO. 2	251/ () RN/L =	3.86							
	•	3	2	×	ò	Š	ខ	DLTALF	0∟TBTA	×	
	363 40	- 06549	AFOR!	02420	18770	04515	91858	4.97520	00238	299.99000	
	124	24600	DEFET.	105601	17769	.04154	01767	4.99140	.97261		
	100 640	10000 -	19351	01946	17623	.04367	01986	5.01560	.09480	299.95000	
746	199.530	05312	19113	91929	17367	.04275	01874	5.06810	.07867	300,05000	
10.873	399.700	05435	.18979	.01961	16922	.04349	01714	5.04790	01134	390,11999	
		RUN NO. 2	2507 D RN/L	L = 5.86							
,		ð	5	¥	Շ	Š	ਉ	OLTALF	OL TB TA	×	
;	, ,		7000	60000	1001	00070	1019A7	5.04260	903 97	399,97999	
100.710	000.001-	60769-	10904	7070	00001	. D. 7. A. 7.	01736	5.97469	08076		
1:12.25.1	-1.149	061307	66361		63601.		9000		94150	THE SECOND	
99.747	98.675	04524	.19444	.01451	18123	6074U.	- 111990	A 04780	SC 100.	300.04000	
100.610	199.740	04653	19:51	. 114.16	F. 17919	C5047	0+610.	00.000	200		
101.790	400.960	06072	.18950	.02324	16517	.04116	-, 91728	4.99080	CC CQ: -	CAR' ASIVI	
		RUN NO. 2	2497 0 RN/L	L = 5.86							
•	~	3	3	ž	Շ	Š	ខ	CLTALF	OLTBTA	×	
780	-100.050	- 56087	19284	.02339	18286	.05237	01741	5.04940	00600:-	390,05000	
201. 880	515.	-,65590	.19259	.02018	18114	.05045	01759	5.04639	-,06228	299.95000	
072.002	191.899	54897	19193	.91484	17719	.94844	01945	4.95690	.00049		
98.910	200,639	97656	.18964	. 92263	16974	.04498	91711	4.98540	.04381	300,02000	
2001.760	399.640	06231	.18966	.02433	16435	.54569	01739	5.04960	01429	390,03990	
		RUN NO. 2	248/ 0 RN/L	5.86							
		3	5	1	Շ	Č	ទ	CLTALF	CLTBTA	×	
	100.740		19053	97520.	16324	.04105	01753	5.07180	.02392	399,02909	
400.700	.224	06014	19564	17220	16560	.04144	01803	5.03810	01820	300,04000	
101.500	100.140	06959	19025	56220.	16489	.04100	01799	5.02949	03291	399,02090	
401.840	200.260	96227	.19025	.02436	16474	.04068	01734	5.02950	03850	300.18000	
400.500	399,850	56228	19907	.02438	16453	.04061	01731	5.04000	00514	300.14900	
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(RTUD66) ( 03 OCT 74 AECC/VAS28 (IA87) -OIETIS1-ORB/ET W R/H SRB SEFAR.

90.200 5.400 -.13206 -.12547 -.09740 -.07025 .05514 -.05087 .02139 -.15556 -.02021 .15250 .04458 .06577 .09395 .16569 PTOTL BETA SBETA PARAMETRIC DATA .00632 -.00856 .02189 DLTBTA -.01104 -.03826 -.01294 ..00222 .01542 -.01542 -.03192 -.0374 PLTBTA -91194 4.529 -.400 5.999 .990 5.0470 4.98810 5.05290 5.04720 5.04960 5.03400 5.03400 5.04140 5.04160 5.11210 5.10900 5.08670 5.07740 5.04270 5.09840 MACH = ALPMA = CALPMA = X CBL -.01702 -.01829 -.01769 -.01984 OBL -.01826 -.01901 -.01858 -.01943 CBL -.01600 -.01772 -.01763 -.01909 CYN .03967 .03295 .03643 .04296 CYN .04013 .04071 .04315 .04429 CYN .54779 .54528 .54528 .54496 -.18404 -.17683 -.17989 -.17989 -.18436 -.18322 -.18979 -.17479 CY -.18943 -.17937 -.17355 -.17489 RUN NO. 252/ 0 RN/L = 5.86 RN7 = 5.86 RN7 = 5.86 CLM .02492 .02339 .02137 .01758 CLM .02696 .03187 .03307 .02291 CLM .02724 .02805 .02524 .01724 z 1997.0909 IN. XT z .0909 IN. YT z 480.0909 IN. ZT .18816 .18681 .18681 .19255 CA .18842 .18863 .19253 .192501 .19032 .19198 .19223 .19133 RUN NO. 2537 0 FUN NO. 2547 0 -.07171 -.07137 -.05416 CN -.06819 -.06694 -.06046 -.04968 -.03761 CN -.76318 -.75986 -.05689 -.05218 -.06963 -.05759 a W Y A REFERENCE DATA # 2690.0000 80.FT. # 1290.3000 INCHES # 1290.3000 INCHES E # .0100 -101.539 100,060 199,735 2 ~199.199 99.641 199.619 399.660 -1.266 96.659 199.800 396.429 398.120 -.915 1.378 100.790 101.370 100.760 99.319 7 200.450 201.420 201.030 200.720 196.660 19.416 19.278 19.451 9.374 9.488 SCALE :

x -.06306 -.09697

.Sen67 .02541

DLTBTA -.00938 -.05618 -.00090 .00585

5.03760 5.03760 5.05280 5.06140 5.05150 5.04270

CBL -.01746 -.01729 -.01808 -.01806

CYN .04438 .04339 .04293 .04146

..16964 -.16815 -.16769 -.16564

CA .18994 .18982 .19722

-.76790

-.296 99.650 199.730 399.720

475.385 475.439 399.730 399.341

CA -.76194

-199.239

400.360

.18974

-.55947

FN7 = 5.86

RUN NO. 2557 9

11UD87) ( 03 OCT 74 )

	REFERENCE DATA	7A						PARA	PARAMETRIC DATA		
30 ALE = 260 14EF = 129 14EF = 129	2660.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	YARP Yarph H	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	7			ALMA SALMA X	" " " " " " " " " " " " " " " " " " " "	4.529 PTOT. 406 BETA -5.000 CBETA	H H H	90.200 5.400 .999
Y 11.635 10.396 10.613	7 059-661 99 059-661 99	CN CN	259/ I) RN/L CA .18950 .19279 .18991	E 5.85 CLM :02448 :02260	CY 19452 19733 18956	CYN .04200 .04406	CBL 02163 02034 01685	6174F -5.00710 -4.94170 -4.93950	6LTBTA 06210 00367 02192	x .12194 02973 03049	
7 161.140 109.673 109.226	2 10 99.989 71 272.000 80 401.530	RUN NO. 2 CN 05763 043_8 05509	2567 S ANYL CA .19587 .19547	. = 5.65 Сън Сът Сът Сът Сът	CY 19184 19564 17422	CYN .04700 .05091 .54577	CBL 02142 02113 01698	DLTALF -4.96420 -4.95650 -5.01480	5,178.7A -,1726.95 -,111.77	X 04208 12658	* * *
Y 277,960 199.410 199.4410	2 50 193,040 10 290,340 60 379	RUN NO. 2 CN 05121 54926 05766	257/ I) RN/L CA .19373 .19253	CLM CLM .61710 .61592	18344 17855 17083	CYN .05099 .04783	.n.987 n1987 n1930	CL TALF -4.95620 -4.97800 -5.00230	CLTBTA 01010 .01106 02416	X 12506 02543	<b>0</b> m =
7 400.189 401.050 400.460	2 50 99.998 50 200.040 400.080	FUN NO. 2 CN 05823 05700	2567 G RN/L CA . 19459 . 19476	CLM CLM .02149 .02039	16938 16753 16436	CYN .04419 .04307 .54054	CBL 51811 51866 51729	DL TALF -4.96970 -4.96360 -4.96165	CLTBTA -,000011 -,02891 -,00311	x 10359 02676 .00714	on ω ▼

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DATE 20 MAY 75

TAB? TABULATED SOURCE DATA

FAGE 73

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AEDC/VASES (TAB7) -OLETISI-ORB/ET W R/M SRB SEPAR.

(RTUDBB) ( 03 OCT 74 )

	REFERENCE DATA	ATA						PARA	PARANETRIC CATA	2
SCALE : 269: 1467 : 129: 1467 : 129:	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	11 11 11 11 11 11 11 11 11 11 11 11 11	1997,0000 IN. .0000 IN. 450,0000 IN.	A A A A A A A A A A A A A A A A A A A			I A D X	MACH = 4 ALPHA = - BALPHA = -5 X = 300	4.529 PTOTI 400 BETA -5.000 CBETA 900.000	PTOTL = 97.200 BETA = 5.400 CBETA = .720
		RUN NO. 2	260/ G RN/	RN/L = 5.85						
7 12.094 19.785 10.535	2 99.833 200.110 399.780	CN 04926 03890 04835	CA .19259 .19341 .18973	CLM .01536 .01070	CY 19164 19017 17856	CYI. .0501: .05060 .04809	CBL 02159 02179 01683	DLTALF -4.96140 -4.96040 -4.94590	0LTBTA 04895 00746 00441	X 399.11090 310.04090 300.01000
		RUN NO. 2	261/ f) RN/L	1 = 5.85						
102.979 100.849 100.830	7 100.190 200.570 399.660	CN 04822 02955 05640	CA .1952 .19417 .16944	CLM .01633 .00329 .02036	CY 19120 19513 17977	CYN .05213 .05244 .04420	CBL 02008 02324 01713	DLTALF -4.98100 -4.94130 -4.94900	6,1814 -,03773 -,01973	X 300,020,00 300,000,00 300,000,00
		RUN NO. 2	262/ D FRVL	. = 5.85						
7 202.745 202.900 200.270	2 190.010 199.580 397.960	CN 54570 05154 06148	CA .1926 <b>6</b> .18976 .18946	CLM .01288 .01596 .02383	CY 18227 17524 16493	CYN .05135 .04763	CEL 01999 01945 01728	DLTALF -4.95650 -4.90930 -4.89530	0, 18 TA 011 111 04393 01166	X 299.96000 299.97000
		RUN HO. 26	2637 B RN/L =	5.86						
400.360 401.250 400.060	2 100,030 281,155 399,756	CN 05855 06138 06228	CA .19073 .1953 <b>6</b> .19550	CLM -172158 -172363 -172441	CY 16553 16516 16476	CYN .04162 .04092 .54067	CBL 01856 01772 01735	DLTALF -4.95490 -4.96470	5,1814 06868 06867 .06802	X 299.96000 390.03900

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		AEUC/VASZBILAB//-OIL/ISI-OMB/LI W R/M SMB SEPAR.			(RICHARD) ( DS OCT 74 )		ಕ 2	~ *
REFERENCE DATA	TA T			¥.	ARAMETRIC DATA	CATA		
 SAET = 2690.0000 50.FT. XMRP = 1097.0000 IN. XT LAET = 1290.3000 INCHES YMRP = .0000 IN. YT SECRET = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT SCALE = .0100			MACH = ALFHA = CALPHA =		4.520 490 .990	PTOTL = BETA = CBETA =		90.200 5.400 -4.999
		· ·						

SCALE :								×		000	
			RUN NO.	0 /952	RN/L = 5.86						
	>		3	5	ð	5	ž	ಕ	DLTALF	CL TB TA	×
	33.63	٠	05329	10901.	.01484	20079	01970.	02011	.11995	-3.89790	11110
-	199.789	986.	06201	.19784	.02285	20142	.04594	02122	91116	-4.01649	90152
	190.690		05944	\$1001.	. 12478	19651	.04696	01964	.95375	-4.00769	.93273
_	199.529		04439	19424	.01552	18833	8783C.	-, 02002	.04214	-4,00359	10108
-	100.960		05603	.18981	.02146	17986	.04397	01708	.01494	-4.03169	92600
			RUN NO.	265/ D R	RN/L = 5.86						
	-	~	3	3	3	Շ	£	ಕ	CLTALF	CL.TBTA	×
-	P30.665	-199.119	54449	.19346	75010.	19159	.05478	02366	.04726	-4.00649	04666
•	201.135	592	05433	.19441	03610.	18847	.05163	01895	.08563	-4.97659	13947
•	200.130	199.6-9	£4978	.19315	.91645	18699	.55176	01919	.51862	-4.01239	.01690
_	199.139	270.850	04767	.19164	.91524	17976	.54844	51950	00348	-3.96290	11888
_	190.510	400.100	05758	.18972	.02149	16907	.54356	01708	.51328	-3.94940	19651
			FOR NO.	264/ 0 - 81	RN7. = 5.85						
	•	~	ટ	3	¥73	b	Š	චි	CL TALF	CL TB TA	×
•	400.260	-99.605	:16179	19091	. 12405	17477	.04863	01636	.51141	-3.96865	07233
~1	39.490	927	8765h	19031	.02257	17133	.04551	91762	A6260.	-3.92169	06396
•	(M.970)	99.746	05765	.19035	96756	17934	.94482	01059	.54424	-4.01379	960000
•	152.150	200,430	05735	19509	.02055	16012	.94333	91854	.52252	-4.55150	.11200
•	190.479	400,149	06224	.1961.	.62436	16472	.04566	51734	.54255	-4.90115	01987

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1A87 TABULATED SOURCE DATA

## (RTU090) ( 03 OCT 74 ) AEDC/VAS28 (1A87) -OLETISI -ORB/ET W R/M SRB SEPAR.

	99.200 3.400 -4.000
	H H H
C DATA	PTOTL BETA CBETA
PARMETRIC DATA	4, \$20 2 - 495 2 - 005 2 - 005 3 - 005
	MACON IN CALCULAR IN N
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	ZZZ
	XMRP = 1097.0000 IN. XT YMRP = .0000 IN. YT ZMRP = 450.0000 IN. ZT
2	
REFERENCE DATA	SAEF E 2000.0000 50.FT. LREF E 1290.3000 INCHES SAEF E 1290.3090 INCHES SCALE E .0199
	NCALE SECT SECT SECT SECT SECT SECT SECT SEC

* * * * * * * * * * * * * * * * * * *	2 -97.721 -194 199.689 291.389 399.629	CN 0430D 05401 04747 03372 055759	.19137 .19136 .19354 .19195	.01017 .01017 .01890 .01865		CYN .05685 .05406 .05341 .05002	CBL 02350 01957 01946 02200	0,174,F 03259 .05359 .02792 0353	CLT8TA -3.93379 -3.99839 -3.95189 -4.12459 -4.11899	X 299,93000 300,00000 300,01000 300,63000 300,67000
* * * * * * * * * * * * * * * * * * *	2 -101.405 309 9.944 1.960 3.940 3.940	CN CN CN CN CN CN CN CN CN CN CN CN CN C	2687 I) PHYL CA .19405 .19286 .18943 .18963	CLH CLH .01537 .01741 .01784 .02414	CV 14238 19138 18575 17674	CYN .05769 .05613 .05247 .04796	CBL -,02094 -,01877 -,01954 -,01830 -,01732	DLTALF .09747 .04650 .05003 .04806	CLTBTA -3.99080 -4.02640 -4.01060 -4.00610 -3.97970	x 300.07900 300.17000 300.06000 300.13000
400.000 400.000 400.000 400.000	2 -100.000 -111 -111 8 -151 8 -151 8 -151 8 -151 8 -151 8 -151	CN 06114 05878	28 19 RN/L 28 19067 19764 19764 1976 1976	2.86 CLM .02390 .02290 .02437 .02439	. 16549 - 16569 - 16569 - 16463	CYN (04139 (04149 (04149 (04065	.01766 01766 01610 01854 01756	DLTALF .04610 .06704 .07476 01455	0, 18 1A -4,012 00 -3,967 90 -4,012 90 -4,053 30	299.94000 3/05.01/000 299.93/000 3/05.00/000

(RTUD91) ( 03 OCT 74 ) AEDC/VASSB (1A87) -OLETISI-OMB/ET W R/M SAB SEPAR.

	SEPTEMBER UNIN	4									
	2690.0000 30.FT. 1290.3000 1KCHES 1290.3000 1KCHES .0100		1000,000 1 1000 1 1000,000	IN. KT IN. YT TY. ZT			MACH ALPHA BALPHA X	n H II II	4.320 PTOTL450 BETA 5.000 CBETA	10 14 15	90.200 5.400 -4.000
		RUN NO. 272/ 0		RNAL = 5.86							
							į		:	>	
>	~	3	5	S.	ځ	ξ	<b>e</b>	4	20.13		
	787.	05192	.19170	79910.	960GZ*-	.05401	02032	5.1.330	-3.99610	C.3.3. 03.0.00	
		3000	30101	.02456	19367	.05110	01739	3.05060	-3.99290	299,94000	
21.0					105.02	57676	19810	5.00010	-4.90950	390.13920	
190.549	35	04363	19408	66410.	1000	04737	0.00	S. PARRO	-3.96910	299.95000	
20.15	13.715	24357	. 19132	200	- 1615					000	
00.00	400.260	05974	19691	.02250	16594	.04156	01727	5.02230	-4.04620	14.00 m. 66.0	
		<b>GN 70.</b>	271/ 0 RN/	RN/L = 5.86							
1	•	3	3	2	ځ	Š	ਵੱ	OL TALF	CLTBTA		
•	•	5	,			04450	04710.	5.05090	-4.01700	300.0100.	
010.10E	-100.080	03737				•	4440	5	-4.04230	300.000	
507.103	•	05202	1936	2010.	- 10776		10.00		0000	CONTRACTOR OF COLUMN	
24.72	101.330	04368	19210	99110.	18341	.05134	01994	4. 93.93	-3.90960		
		60450	19061	. 12183	17359	21970	01696	5.00030	-3.91460		
35.55	395.790	06245	19008	.02447	16457	.04961	01732	5.03970	-4,00960	390.11980	
		S .CM MUS	2707 9 RNA.	7 = 5.05							
	ı	į	;	3	5	Š	ð	CL TALF	C. TBTA	×	
-	2	3	5	1 de 1	,	36.00	04.770	25.50	-3.96400	300.01000	
379.050	-100.200	96:18	19752	. 2327	1633/	S 14.	51.76.		00400		
410		9786	99.61	12237	16546	.04139	11810	0.000	1.0 466.C		
		90000	1001	C2250	16570	704107	91818	5,05080	-4,03449	300.02000	
101.245	79.345	R. C.	10000		36.75	54071	01736	5.51189	-4,58310	350,10000	
040.504	<b>3</b> 0.13	06235	16.61.	. 6439	. 104.0			0004	1000		
	200	67630	5000	37760	16455		25/11/1				

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TARY TABULATED SOURCE DATA

SAB SEFAN.

(RTU092) ( 03 OCT 74 )

<u>د</u> د م
25B/ET
LET: 51-
AB7) -0
11 828 AV
AEDC/

1,5000 140-FT. XMMR* x 1997,000 1,3000 140-FES THMRF x 450,000 1,3000 140-FES THMRF x 450,000 1,3000 140-FES THMRF x 450,000 2,0100 2 CN CA CA CA CA CA CA CA CA CA CA CA CA CA	.0000 IN. XT .0000 IN. XT .0000 IN. ZT RMZ = 5.05			;		4.529 FTOTL	
EUN NO. 2137 0  2 CA -100.02006383 .1879026906619 .18790 199.54006619 .19378 199.271005686 .19378 2 CA -101.19005618 .19283 -1.41305678 .19283 159.78005678 .19283 159.78005678 .19283 159.78005678 .19283 159.78005678 .198983 159.78005678 .198983 159.78005678 .198983 159.78005678 .198983 159.78005678 .198983 159.78005678 .198983 159.77705678 .198983 159.78005678 .198983 159.78005678 .198983	₹			ALPHA CALPHA X	_		1, = 90.209 1 = 5.400 14 = -4.009
2 CN CA -190,020 -10533 .18793 -279 -105410 .18771	KID						
-100,02006383 .1879027906610 .18701 199.54006610 .19130 199.54006609 .19378 399.71005666 .19739 -1.41305473 .19281 159.78905473 .19281 159.78905473 .19281 159.78905473 .19281 159.78905473 .19387 159.78905473 .19387 159.78905473 .19387 159.78905473 .19387 159.789056106 .19704		Շ	ž	ŧ	CLTALF		×
-,279 -,06615 .18701 99.56: -,0609 .19133 199.715 -,0566 .19039 2 CN CA -101.190 -,05618 .1928 -1.413 -,05473 .1928 159.734 -,05473 .1928 159.779 -,05473 .1928 159.779 -,05473 .1928 159.779 -,05473 .1928 159.779 -,05473 .1938 2 CN CA 159.779 -,05473 .1938 159.779 -,05473 .1938 159.779 -,05473 .1938 159.779 -,05463 .19137 159.779 -,05464 .1938	1,02292	19856	88 AC.	01852	5.05:50		99441
99.56:06009 19130 199.54004509 19376 399.71005606 19709 -10119005618 19263 -1.41305418 19273 96.73405473 19273 199.78405473 19273 199.78405473 19137 199.78405473 19137 199.78405473 19137 199.78405463 19137 199.78405464 19983 199.78405464 19983 199.78405464 19983	.92766	19285	\$6030	01955	5.55440	0.600. <b>*</b> -	90252
2 CN CN CN CN CN CN CN CN CN CN CN CN CN	0267.6	P. 18779	54305	01878	5,05920	-4.51200	:3245
199-24005666 .19039  FUN 103. 274/ 0  FUN 103. 274/ 0  10.41305618 .19283 -1.41305773 .19283 199-78005772 .19283 199-78005772 .19372 199-78005772 .19372 199-78005613 .199-83 199-77005613 .199-83 199-77005613 .199-83 199-77005613 .199-83 199-77005613 .199-83 199-77005106 .190-83	9090	7016	10.440	-,01988	5.05130		-,51499
#UN 10. 2747 0  2 CN CA -101.19005818 .19283 -1.41305873 .19283 199.78005872 .19283 199.78005861 .19983 298.77005861 .18983 298.77005861 .18983	72157	.16913	9630	91715	5.04780	-4.91750	.95946
2 CN CA -101.19005618 .19263 -1.41305473 .19263 196.73605473 .19273 199.78005463 .19137 199.7700561 .18989 2 CN CA 1 -107.14005106 .19040	RNZL = 5.85						
-10119005618 .19283 -1.41305473 .19271 96.73605372 .19263 199.7700561 .19383 398.7700561 .18983 7 CN CA 177.14005106 .19040	3	Š	Š	ਰ	SLIALF		×
-1.4135473 .19271 96.7345372 .19263 159.7405461 .18583 394.7705461 .18583 7 CN CA -177.14055106 .19740	.72153	18969	105204	01867	5.59540		.07739
96.734	76610	:8775	.65106	01649	5.10330		. 12549
199,789 - 14983 119137 398,779 - 15961 116983 808 NO. 2757 0 7 CN CA 1-177,149 - 15616 11974	A1917.	0.000	54823	TITTE	こを さかい・10		.2571%
294,7775461 .16989 RUN NO. 275/ G Z CN CA -177,1405176 .1974	.01633	17523	97857.	01918	5.54349	-4,00725	60230
RUN NO. 2757 G 2 CN -177,140 - 05106 119747 5335 - 05950 119747	15.27	16783	.04273	124107-	5.08565	-3.945(7)	.06777
2 CN -170,14006106 -53505950	RN/L = 5.85						
08650, - 081.06 08650, - 0818.	3	5	Z	ฮี	CLTALF	CL 78 TA	×
09650°- 868°	7512	207.1-	.54776	01800	5.04240		08610.
CORRECT CORP.	(3262)	58.76	14493	91742	5.01.60	-4.63945	05611
	10120	16952	6247	51809	5.04530		.01847
	29162	16711	.04248	4,51815	5.05690		.01580
02290	. 12441	- 16425	15010	01729	5.08850	-3.97980	01677

# AEDC/VAS28 (IA87) -O!ET1S1-ORB/ET W R/H SRB SEPAR.

## (RTU093) ( 03 OCT 74 )

# PARAMETRIC DATA

REFERENCE DATA

SREF = 26' LREF = 12' BREF = 12'	2690,0000 1290,3000 1290,3000	SQ.FT. INCHES INCHES	XMRP T	: 1097.0000 IN. XT .0000 IN. YT .450.0000 IN. ZT	IN. XT IN. XT TY ZT			¥ ¥ ŏ	MACH = ALPHA = CALFHA =	4.520 PTC 400 BEI -5.000 DBE	PTOTL = BETA = CBETA =	90.200 5.400 -4.000
			RUN NO.	278/ D RN/	RN/L = 5.86							
7 100.930 100.590		2 99.999 200.120	CN 05156 04199	CA .19167 .19414	CLM .01760 .01420	CY 23799 20464	CYN .05199	CBL 02253 02105	DLTALF -4.95080 -4.96280	DLTBTA -4.01459 -4.01269		x .02978 .00080
101.173			05063 RUN NO.	.18956	01852 RN/L = 5.86	•	.04807	01681	-5.01360	-4.04339		12259
7 299.849 299.299 197.320	2 98 2002 400	935 1.269 1.000	CN 04413 04281 05676	CA .19524 .19276 .18978	CLM .01257 .01142 .02126	CY 19364 187951 17189	CYN .05571 .05271 .04494	CBL 02079 02010 01702	DLTALF -4.95690 -4.96590 -5.00520	DLTBTA -4.00990 -4.02840 -3.93130		x .01619 01105 21690
Y 399.500 401.440		2 98.957 200.050 400.100	RUN NO. CN 05655 05579	276/ D RN/L CA .19069 .19022	"L = 5.85 CLM .02024 .01953 .02444	CY 17168 16965 16473	CYN .04579 .04442	CBL 01832 01876 01734	6LTALF -4.95180 -4.95669 -4.96235	6LTBTA -3.90940 -4.02669 -4.00479	× 1. 1.	X 15486 01036 06443

## REFERENCE DATA

## PARAMETRIC DATA

AEDC/VAS28 (IA87) -OIETISI-ORB/ET W R/H SRB SEPAR.

(RTU094) ( 03 OCT 74 )

90.200 5.400 -4.900

XMRF = 1597.0700 IN. XT	2690.0000 50.FT. XMEF = 1097.0000 IN. XT	SACE = 2690.0000 SQ.FT. XDRF = 1997.0000 IN. XT LAFF = 1990.3000 TATHER YMEP = .0000 IN. VT
XMRF = 1597,0000 IN. XT	2690.0009 50.FT. XMRF = 1597.0000 IN. XT	= 2690,0000 50,FT, XMEF = 1997,0000 IN, XT = 1990, 4000 IN, XT = 1990, 4000 IN, VT
XMRF = 1597,000	2690.0000 \$4.FT. XMRF = 1997.000	= 2690.0000 \$0.FT. XMRF = 1597.000 - 1990.0000 tacher vace - con-
XDARF	2690.0000 SQ.FT. XMRF :	= 2690.0000 SQ.FT. XMRF
	2690.0000 SQ.FT.	= 2690.0000 50.FT.

## RUN NO. 2797 9 RN/L = 5.85

<b>&gt;</b>	2	3	₹	¥75	Շ	ž	ē	CLTALF	CLTB TA	×
191.090	100.030	04566	.19398	. 51444	20326	.05811	92960	-4.95369	-4.93649	300.02000
99.444	291.599	92580	.19394	.99161	19691	.05551	02342	-4.99695	-4.91829	300.05000
99.738	399.720	95393	.1891.	.01846	17259	.04576	91695	-4.94959	-4.00339	299.97050
		2	/XX	KK/L = 2.83						

5.85
RN/L =
2807.0
RUN NO.

×	300.31000	309,06999	300,00000
		-4.91183	
DLTALF	-4.99450	-4.96545	-4.95699
æ	92942	-, 52543	01724
Š	.05485	.95156	.04164
Շ	18919	-,18252	16597
ð	19600	29515	. 52399
5	.19414	19061.	.18937
3	04593	04359	-, 56554
2	160.669	199.990	399.920
•	03.350	27.1.92	591.00

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CATE 20 MAY 75				1487	1487 TABULATEC SOURCE DATA	WRCE DATA				PAGE 79
			AEDC/VA\$2	8 (TA87) -01E	AEDC/VAS28(IA87)-O1ET1S1-ORB/ET W R/M SRB SEPAR.	WRAH SRB	SEPAR.		(RTU194)	( 93 OCT 74 )
	REFERENCE DATA	ž						PAR	PARAMETRIC DATA	
SREF = 2690. LREF = 1295. BREF = 1295. SCALE =	2699.0000 SQ.FT. 1299.3000 INCHES 1296.3000 INCHES .0100	XHRP = YHRP = ZHRP = E	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT				MACH ALPHA X X	' AB '	4.520 PTOTL 400 BETA -5.000 CBETA 300.000	L = 90.290 = 5.400 A = -4.990
7 499.479 399.890	2 99.985 199.470 490.710	RUN NO. 2 CN 05784 06082	281/ D RN/L CA .19075 .19018 .19041	L = 5.85 CLM .02104 .02325 .02440	CY 16576 16482 16468	CYN .04173 .04083	CBL 01874 01784	DLTALF -4.96320 -4.93690 -5.01630	DLTB TA -4.00990 -3.992 70 -4.038 70	X 300,05000 300,13000 300,12000
	REFERENCE CATA	<b>£</b>	AEDC/VA52	8 (1 A87) <b>-</b> 01f	AEDC/VA528 (1A87) -O1ET1S1 -CRB/ET W R/M SRB SEFAR.	WRA SRB	SEPAR.	PAR	(RTUD95) PARAMETRIC DATA	( 93 007 74 )
SREF = 2690 LREF = 1290 BREF = 1290 SCALE =	2690.0000 SQ.F". 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP = YMRP = ZMRP = =	1997.9999 IN. XT .0909 IN. YT 450.6999 IN. ZT	х х т т т х			MACH ALPHA CALPHA X	0 0 0 0	4.520 PTOTL 400 BETA .000 CBETA	L = 99.209 = 5.495 A = -8.009
	-	RUN NO. 2	283/ 0 RN/L	L= 5.85						
790.790	2 -100.070	CN 03165	CA .19338	CLM .00103	CY 21164	CYN .06421	CBL 02531	DLTALF .05235	CLTBTA -8.00610	× 13931 re£22
200.530 199.430 197.890 200.770	-,125 101,380 200,740 399,860	04958 04125 04348 05629	.19333 .19363 .19193	.01586 .01161 .01314 .02094	20149 20149 18843 17024	.05838 .05838 .05232	01982 01902 01708	.00763 00763 .00431	-7.99480 -7.99480 -7.90540 -8.00850	-,10279 -,134264 -,f3368
		RUN NO. 2	282/ D FN/L	L = 5.86			•			
490.390	2 -99.294	CN 05618	CA .19228	CLN .02903	CY 17996	CYN .05236	CBL 1721)29	CL TALF 00602	DLTBTA -7.98160	X .01376
400.030	99.439	05692	.19094	.02052	17277	.04638	01861	.06997 52690.	-7.94560 -7.99120 -8.0426	14943 <u>67341</u>
402,079	199.910 400.170	-,05232	.19012	.02443	16445	.04056	01730	.03562	-7,99500	69322

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IA87 TABULATED SOURCE DATA

PAGE 89

AEDC/VA52

(RTUD96) ( 03 OCT 74 )

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				CYN		01929	01973	0517001919 .05300	01728		9	.0421901870 .04470	01834	01875	01735	
1	XT YT	21	5.85	ڻ	20511	20310	19426	.5124718395 .	16530	RN/L = 5.86	b	. 0210316631	16577	16540	16431	
	XMRP = 1097.0000 IN. XT YMRP = .0000 IN. YT	= 450.0000 IN.	RUN NO. 264/ 5 RN/L =	5	. 03964 . 19373	.19414	.19450	.18964	06184 .18959	285/ 0	5		.19561	.19030		
≤ `		1290.3000 INCHES ZN.	RGN	2	-101.310	-1.079	99.965	S	399.895	RUN NO.	2	-100.179	042	99.323	200.630	

AEDC/VAS28 (1A87) -OIETIS1-CRB/ET W R/M SRB SEPAR.

PARAMETRIC DATA

(RTU097) ( 93 OCT 74 )

90.200 5.400 -8.000 MACM = 4.520 PTOTL = ALPHA = -.400 BETA = DALPHA = 5.030 DEETA = X X = 300.000

RUN NO. 287/ 0 RN/L = 5.86

XMRP = 1097.0000 IN. YT YMRP = .0000 IN. YT ZMRP = 450.0000 IN. ZT

SAEF = 2690.0000 S0.FT.
LREF = 1290.3000 INCHES
BREF = 1290.3000 INCHES
SCALE = .0100

REFERENCE DATA

X 299.77000 299.80000 200.52000 300.06000
CLTBTA -8.00250 -8.01300 -7.91250 -8.00135
CLTALF 5.04980 4.99110 4.97170 5.05530 5.04040
CBL01938016330200701739
CYN .06191 .05942 .05434 .04869
CY 20383 20068 19087 17901
CLM .01775 .01585 .00873 .01861
.19327 .19411 .19573 .19936
CN -,05315 -,04026 -,05316 -,05336 -,05236
2 -100.320 1.457 101.000 199.560 399.740
7 199.090 100.070 107.030 200.170

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				AEDC/VA52	28 (1487) -01	AEDC/VA528 (IA87) -OIETISI-ORB/ET W R/H SRB SEPAR.	T W R/H SRB	SEPAR.		(RTU097)	( 03 OCT 74	7.7
	AEFEA	ERENCE DATA	<b>*</b>						PA	PARAMETRIC DA	DATA	
SCALE =	2660.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES	SO.FT. INCHES INCHES	X X X X X X X X X X X X X X X X X X X	1097.0000 1N. .0000 IN. 450.0000 IN.	N X. T			MACH ALPHA X X	# # # # - <b>\</b>	4.520 PT400 BE 5.000 CB 500.000	PTOTL # BETA = CBETA =	90.800 5.409 -8.909
		•	RUN NO. 2	286/ D RN/L	/L = 5.86							
•			8	5	N)	Շ	Š	ម	DLTALF	OL TB TA	×	
400		-99.790	05960	.19050	.02223	16584	.04152	01811	5.01850	-7.96000		ç
690		-1.514	05883	. 19549	. 112179	16574	.04160	01829	5.09010	-7.99210		Ž.
6.00	400.330 99 402.380 100	99.373	- 05234	.:9019	.02164	16549	.04133	01853	5.07170	-7.99959	300,01000	១១
499		399,860	96235	.19041	.02444	16470	.04060	01731	5.04189	-8.00600		e ge
	REFER	ERENCE DATA	2	AEDC/VA52	18 (TA87) -O1	AEDC/VA528 (1A87)-O1ET1S1-CRB/ET W R/H SRB SEPAR.	TWR/H SRB	SEPAR.	q AA	(RTUDSR) PARAMETRIC DATA	( 03 OCT 74	2
SAEF	2690.0000	30.FT.	XMRP	1097,0000 IN.	×.×			¥	"	4.520 PT(	FTOT. =	90.20
	1290.3000	INCHES		.00:00 IN.				A.A.	11		" <b>∠</b>	5.40
BREF =	1290.3000 .0100	INCHES	2MRP	450.0000 IN.	N. 21			γ V	CALPHA = X =	5.000 080 .000	DBETA =	-6.000
		œ	RUN NO. 2	2887 G RN/L	i.≕ 5.86							
>	~		3	ర	Š	ò	Š	é	SLTALF	CL TB TA	×	
201.	201.249 -191	-191.899	95169	.19104	.01622	21234	.06292	02049	5,12900	-8,00069	.13615	٠,
202	•	-1.549	-,05023	.19337	.01749	20106	.05630	01875	5.10190	-8.08910	.27256	9
203.	ŭ,	9.340	04680	.19322	.01538	19971	.5218	01860	5.97619	-8.09280	.26486	g
200.	19	9.860	04469	19179	.01346	18104	.54876	01914	5.04630	-7.99290	-, 92095	5
199.	199.410 399	9.850	05714	.1898D	.92125	-,16849	:04316	91712	5.04149	-7.93720	11624	-
		œ	RUN NO. 2	289/ 13 RN/L	L = 5.86							
>	2		3	5	S.	Շ	Š	មី	CLTALF	OLTB TA	×	
491.	401.239 -190	-190.179	95831	.19139	.02166	17883	.05113	01900	5.04380	-6.02020	.12854	4
401.539		.520	95834	.19749	.02166	17422	.04719	01763	5.00040	-8.06640	.08887	
400.780		100.370	05600	.19938	.019a7	17198	.54591	01619	5.02000	-8.52830	67050.	<b>6</b> 1
400.420		200.000	05764	.18993	.02043	16892	.04389	-, 91832	5.53010	-7.99019	13778	•
346.62		399.470	06240	19/132	.02444	16453	.04961	91732	5.06330	-7.92320	24767	

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# AEDC/VAS28 (1A87) -OIETISI-ORB/ET W R/H SRB SEPAR.

## (RTU099) ( 03 OCT 74 )

PARAMETRIC DATA	MACH = 4.520 PTOTL = 90.209 ALPHA =400 BETA = 5.400 CALPHA = -5.000 DBETA = -8.000 X = .000
	XMRP = 1997.0090 IN. XT YMRP = .0000 IN. YT ZMRP = 450.0000 IN. ZT
2	XMRP YMRP ZMRP
REFERENCE DATA	2690.0000 90.FT. 1290.3000 INCHES 1290.3000 INCHES .0100
	SREF LREF BREF SCALE

## RN/L = 5.86 RUN NO. 2917 0

<b>&gt;</b>	2	3	z	CLE	Շ	Ç,	é	OLTALF	CLTBTA	×
200.690	99.867	03622	.19438	.00702	21622	.06717	02194	-4.95040	-8.99420	15561
.649	200.870	02972	.19297	.00324	20328	.06056	02131	-4.99380	-7.98050	17139
1.390	399.860	05264	.18882	.91867	17532	.04722	01680	-4.95160	-8.00420	.91127
		RUN NO.	2967 D RN/L	'L = 5.85						

## ( 93 OCT 74 ) AEDC/VAS28 (IA87) -OIETISI -ORB/ET W R/H SRB SEFAR.

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CELOIE)	
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.03119 -.97421 -.05186

> -4.96320 -4.88470

-.91739 -.01898

-7.98250 -7.97180 -7.99940

CLTBTA

6LTALF -4.93810

CBL -.01935

CYN .94778 .94616 .94971

-.17477

CLM .01693 .51806 .52440

CA .19101 .19037 .18995

CN -.05211 -.05364 -.06240

2 99.715 196.949 490.199

400.730 400.870 400.660

-.16463

## PARAMETRIC DATA

90.200	5.490	-8.999	
и	"	"	
PTOT	BETA	CBETA	
4.520	400	-5.000	300.000
"	**	11	"
MAQ	A F	CALFHA	×

## RUN NO. 2927 0 RM/L = 5.85

XMRF = 1097.0000 IN. XT YMRF = .0000 IN. YT ZMRF = 450.0000 IN. ZT

SREF = 2690.0000 30.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100

REFERENCE CATA

X	X
300,26000	300.15000
299,99000	299.86000
300,29000	299.96000
CLTBTA	0LTBTA
-8.08405	-8.01280
-8.01695	-8.01520
-8.08370	-7.99115
DLTALF	CLTALF
-4.96250	-4.95875
-4.96359	-4.91120
-5.02419	-4.99415
CBL	CBL
02152	01904
12171	01811
1718	01731
.06069	CYN
.05625	.04192
.04220	.04090
20065 19152 1664	CY 1657 16487 16469
CLM	CLM
.00582	.02005
.00376	.02258
.02241	.02443
CA .19500 .19067 .18915	.19027 .19005 .19044
CN 03445 03335 05972 RUN NO. 2	CN 05642 06005 06227
2	2
106.310	99.959
205.136	199.040
400.829	400.400
7 203.080 201.540 201.660	400.760 400.610 399.840

NETRIENCE ONT   NETRIENCE	CATE 25 MAY 75	2			1487	TABT TABULATED SOURCE DATA	SOURCE DATA					PAGE 83
				AEDC/VAS:	28 (1487) -01	E1151-068/E	T W L/H SRI	B SEPAR.		(RTU101)	C 03	( 93 001 74 )
1		REFERENCE DA	474						PA		DATA	
### 1290   NAME	11 11			1097,00001				MAN			PTOTL =	99.298
CA	H H		<b>2</b>	450.0000				y v			CBETA	000
Z         CN         CA         CLM         CY         CN         CBL         DLTALF           -100.560        06117        19070        06337        16343        01684        01688        07533           98.202        06102        19070        02384        16376        01669        01659           99.203        06130        19076        2238        16478        01669        01659           199.690        0623        19076        7238        16458        01693        01693           199.690        06233        19076        76289        04019        01623        01693           190.607        01728        01728        01732        01732        01732        01732           190.609        06233        19024        16489        16489        01732        01732        01732           100.209        05249        19221        11405        11406        01732        01732        01732           200.439        05249        19240        01893        11406        01732        01756        01766           <												
-100.36006117 19070 .0233716343 .0395701668 .0725316401 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .01641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .0401901641 .04019 .04641 .04019 .04641 .04019 .04641 .04019 .04641 .04019 .04641 .04019 .04641 .04019 .04641 .04019 .04641 .04019 .04641 .04019 .0401	<b>-</b>	2	3	ర	<b>*</b>	ò	ž	ಕ	CLTALF	CLTBTA	><	
-42906102 .19057 .0236916476 .0398401660 .06363 .99.00 .99.00 .06233 .19066 .0236916468 .0401901732 .05399 .99.00 .06233 .19036 .02442 .16468 .0401901732 .05399 .99.00 .06233 .19035 .19036 .102442 .16468 .0401901732 .03999 .99.00 .06233 .19035 .1903516458 .0406901732 .03999 .90639 .906399 .	-399.040		06117	.19976	.02357	16343	73950.	01688	.07253	03930		04226
99-20506140	-399.030	429	06102	.19057	.02338	16376	.63984	01689	.06363	91532		51784
199-599  106235   .1993   .9442  16468   .3476  01732   .05399     470.090  06233   .1993   .9524  16428   .74660   .74772   .05399     70	-399.350	99.202	06140	.19006	.52368	16401	.54519	01694	.08355	92235		01566
### ### ### ### ### ### ### ### ### ##	-491.319	199.690	06235	.19035	. 92442	15468	.04061	01733	.05399	.07540		07733
FUM ND. 296/	-399.710		06233	.19331	.02442	16458	.04069	01732	.03927	.00276		99128
-100.2300490 19234 .0199314052 .02637 .01449 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .04694 .046972 .19213 .01887 .01829 .01520 .05126 .069696 .06962 .06962 .06962 .06962 .06962 .04694 .01928 .04694 .01928 .04697 .01662 .01939 .01939 .01939 .01929 .01662 .011844 .02554 .01939 .01929 .01662 .011844 .02554 .01939 .01662 .011844 .02554 .011879 .01662 .011844 .01259 .011879 .011879 .01662 .011844 .01259 .011879 .011879 .011863 .011893 .011894 .011879 .011895	>	^	č	đ	3	?	Š	ŧ	i :	į		
190,770	200	200		* * * * * * * * * * * * * * * * * * * *	֓֞֜֜֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓		1100	900	֝֝֝֝֝֝֝֝֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	۲ ا ا ا		
100.770	199.600	6071761-	0.0460	19534	1893	14952	.02637	51449	.04694	00600		95753
100.77504747 .19121 .0152114166 .1294151546 .00009 200.43004902 .18980 .0154915120 .0331501550 .00725 400.17006124 .18980 .0154915120 .0331501550 .00725  RUN NO. 297/ 0 RN/L = 5.86 05560 .19097 .0166211844 .0255401215 .0694687305560 .19097 .0166211844 .0255401215 .0694687305560 .19097 .0166211844 .0255401215 .06946 90.05305260 .19097 .0166211844 .0355401356 .03775 .10379 199.79004310 .109165 .1306315818 .031490156675641 .18959 .0208515818 .0367901766 .02186 .03775 .1007349 .19076 .0145413064 .0355801465 .03775 .19076 .0145413064 .0355801465 .03775 .19078 .00145413064 .0355801465 .03785 .190.66 .02243 .19076 .0145413044 .0355801465 .03875 .19096 .19076 .0145413064 .0355801465 .03875 .19096 .19076 .0145413064 .0355801465 .03875 .19096 .19076 .0145413064 .0355801455 .03875 .19096 .19076 .0145413064 .0355801465 .03875 .19096 .19076 .01454 .13064 .0355801455 .03875 .19096 .19076 .01454 .13064 .0355801455 .03875 .19096 .19076 .01454 .13064 .0355801455 .038245 .19076 .01454 .13064 .0355801455 .06128 .19096 .19076 .01454 .13064 .0355801455 .03830 .03830 .03855 .19022 .	-6.61.619	640.	15219	. 19213	.01802	13932	.02815	91566	.05083	.03113	7	12519
2701.435 -104902 -18980 -115120 -10331551550 -10725 4751.170 -106124 -18987 -102368 -15324 -103966501736 -107608 RUN NO. 2977 0 RN/L = 5.86 -107.240 -105758 -19997 -10166211844 -107254501215 -108946 -187350560 -19225 -101999 -112396 -101329 -101329 -101329 -100.5350560 -19225 -101999 -112396 -101329 -101329 -101329 -100.5350560 -19225 -101999 -112396 -101329 -101329 -101329 -100.5350560 -19225 -101999 -112396 -101329 -101429 -101429 -101429 -101429 -101429 -101429 -101429 -101429 -101229 -101429 -101429 -101429 -101429 -101429 -101429 -101429 -101229 -101429 -1	-199.120	199.775	54747	.19121	.91521	14186	.02941	51546	60000	00300	-:	.03654
### ### ##############################	-197.295	200.430	04902	.18983	.01549	15120	.03315	~.51550	.06729	-,06655		.03861
Z         CN         CA         CLM         CY         CYN         CBL         DLTALF           -103.240        05758         .19097         .01662        11844         .02754        01215         .0846          873        05660         .19267         .01662        11844         .02754        01432         .0896           96.063        05660         .19267         .01663        1279         .01377         .10379           199.790        05641         .19165         .01605        1279         .01376         .01375           470.560        0410         .19165         .01605        15818         .03679        0176         .01375           470.560        75641         .18959         .02085        15818         .03679        01746         .03775           470.560        75641         .18959         .02085        15818         .01746         .01746         .01746         .01746           2         CN         CA         CYN         CYN         CR         .01746         .01746         .01746         .01746         .01746         .01746         .01746         .01746         .01746         .01464         .01464<	-197.230		06124	.18987	.02368	15324	99660	01736	90900	57193	•	.56460
Z         CN         CA         CLM         CY         CVN         CBL         CLTALF           -101.240        05578         .19097         .01662        11844         .02754        01215         .08966          873        05660         .19267         .01662        11844         .02754        01215         .08966           90.063        05236         .19225         .01999        12791         .01377         .10379           199.790        04310         .19165         .01605        15719         .01376         .01377           400.560        04310         .19165         .02085        15818        01746        01746        01746           400.560        04310         .19165         .02085        15818        01746        01746        01746        01746           Ann. 560        04310         .19076         .01454        12170         .03183        01746        01746        01746           Ann. 560        05959         .19076         .01454        12170         .03183        01181        04645          224         .65409         .19046         .01454        13715					"							
-101.24005758 .19997 .0166211844 .0275401215 .089460560 .19265 .1926312306 .0304401432 .06996 .98.06305660 .19225 .0199912791 .0315901577 .10379098.06305641 .19925 .0196912791 .0315901577 .103790199.79004310 .19165 .0160512663 .0314801556 .0377505641 .18959 .0208512818 .0367901746 .0377501764 .01746 .03775017641 .046450170.340015959 .19076 .0145412170 .0318301181 .046450224 .6545 .19045 .0145413044 .0355801465 .01665 .0612899.36503409 .19126 .0221813715 .0363001465 .0161280199.66001425 .19126 .07211014098 .0377501737022430175201752017370224301752017520173701737022430175201	•	2	3	5	¥1)	Շ	Š	é	CLTALF	CL TB TA	×	
87305660 .19267 .5186312306 .0304401432 .06996 96.06305256 .19225 .50199912791 .0315901577 .10379199.79004310 .10165 .50199912791 .0316901577 .103790179.79004310 .10165 .50160512665 .0314801556 .0377502156 .0377505641 .18959 .19076 .0140515818 .0367901746 .0377502156 .037750224 .6345 .19076 .0145412170 .0318301485 .0318603465 .06128037603475 .0612803146 .0355901465 .06128031465 .0353001465 .0612803996004425 .19126 .0217013268 .0355401591 .0527302224 .189260355901425 .19126 .0779415268 .03554017370224302224 .18926041737022430175201	-101.490	-101.240	-,95758	19091	.91662	11844	.12754	51215	.98946	.08291	•	.97557
96.06305236 .19225 .0199912791 .0315901577 .10379 199.79004310 .19165 .0160513265 .0314801566 .03775 406.56004541 .16959 .0208515818 .0367901746 .02156  RUN ND. 2987 0 RNZ = 5.85  Z CN CA CLM CY CYN CBL DLTALF -100.34005959 .19076 .0145412170 .0318301181 .04645224 .6345 .19045 .0218413744 .0355801465 .03866 .99.36505409 .19166 .0271014098 .0376601591 .05375 .06128 .199.66034425 .19126 .0201014098 .0376601591 .05375 .01737052243 .031757052243 .031757052243 .037750173701737052243 .037750173701737052243 .037750173701737052243 .037750173701737052243 .037750173701737052243 .037750173701737052243 .03775017370173701737017370173701737052243 .0377501737017370173701737012243 .037750173701737017370173701737017370173701737017370173701737017370173701737017370173701224017370122401737012240173701224017370122401737012240173701224017370122401737012240122401224012240122401224012240122401224012240122401224012240122401224012240	-99.687	873	05660	.19257	. 51863	-,123/36	.03044	91432	96695.	.04259	7	.11213
199-79004310 .19165 .0160513265 .0314801556 .03775 470.56904310 .18959 .6208515818 .0367901746 .02156  RUN NO. 2987 0 RN/L = 5.85  Z CN CA CLM CY CYN CBL DLTALF .0464507.34001465 .03866 190-34005959 .19076 .0145412170 .0318301465 .03866 199-56005479 .19166 .0224513744 .0355801465 .06128 199-66004825 .19126 .0201014098 .0377601591 .05375 401.52004934 .18984 .0179413268 .035040173702243	-97.418	€96*0€3	95236	. 19225	.01999	12791	.03159	01577	.19379	05702	-	.94725
### 400.56565641 .18959 .6208515818 .6367901746 .62156	-90.011	199.790	04310	.19165	.01605	13265	.03148	01556	.03775	03111	-	05806
RUN ND. 2987 D RNYL = 5.85  Z CN CA CLM CY CYN CBL DLTALF 190.34005959 .19076 .0145412170 .0318305181 .04645224 .6545 .19045 .05218413044 .0355801465 .0386699.36505409 .19166 .0221013715 .03635001622 .06128199.66004425 .19126 .0271014098 .0370601591 .05375 -401.52004934 .18984 .0179415268 .035640173702243 -	-99.379	495.565	55641	.18959	.02085	15818	.03679	01746	.02156	.01071	Ģ.	0/1560
Z CN CA CLM CY CYN CBL DLTALF 1100.340015959 .19076 .0145412170 .0318301181 .04645224 .65345 .19045 .0518413044 .0355801465 .0386699.36501467 .19166 .0721813715 .0363901652 .06128199.66034425 .19126 .0201014098 .0377601591 .05375 -401.52004934 .18984 .0179415268 .035640173702243 -		~			,,							
-100.34005959 .19076 .0145412170 .0318301181 .04645 224 .6545 .19045 .0218413044 .0355801465 .03866 99.36505409 .19166 .0224513715 .0363001622 .06128 199.66004425 .19126 .0201014098 .0370601591 .05375 401.52004934 .18984 .0179415268 .035040173702243	<b>&gt;</b>	2	3	5	3	Շ	Č	ಕ	CLTALF	CL TB TA	×	
224	-9.208	-100.349	-103959	.19076	.91454	12179	.03183	01181	.04645	.91349	-	.11779
99.36505409 .19166 .0224513715 .0363001622 .06128	-7.690	254	6345	19745	.52184	13544	.03558	01465	.03866	04113	e.	.03364
199-660 34425 - 19126 - 62410 14098 - 03766 01591 - 05375 - 401-520 04934 - 18984 - 01794 15268 - 03504 01737 02243	-6.59A	99.365	75479	.19166	. 1,2245	13715	.03630	91622	.06128	974 AR		.11788
461.52004934 .18984 .0179415268 .035040173702243	-0.255	199.660	34425	.19126	.52419	14998	.03756	01591	.05375	fi2993		43180
	-9.257	461.529	54934	.189A4	.91794	15268	.03594	51737	52243	93026	Ÿ.	.22396

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(RTUSS2) ( 93 OCT 74 )

	REFERENCE DATA	<b>*</b>						PAR	PARAMETRIC DATA	ATA	
**	•		1097.0000 IN.				A A	14 51	4.520 F	FTOTL =	90.200
LREF = 1290.	1290.3000 INCHES	1 dg 24.7	.N1 0000.	7. 7. 21. 21.			7	, II		_	
11	•						×	ii ii	300.000		
	_	KUN NO. 3	3027 D RN/L	ւ = 5.86							
>	^	3	•	Š	Շ	Š	ਵੱ	OLTALF	CLTBTA		
-397.195	-101.080	96194	.19065	. 12353	16358	03970	01683	.98819	987.03		300.04000
-399.185		96125	.19939	.02368	16366	.04003	01687	.04912	01357		390.51999
-399.330	190.399	96232	.19547	.52444	16446	.04956	01731	.01911	.51264		390.03999
-398.490	200.130	96246	.19555	.92449	16458	.04060	01732	.03011	02892		395.91990
-398.450	490.430	06248	.19535	.02451	-,16405	.04043	01725	.00949	52782		5141.1414.50
		RUN NO. 3	3517 9 RN/L	'L = 5.85							
,	•	3	5	<b>X</b>	ბ	Š	ម	CLTALF	DL.TBTA	×	
-199 010	-100.100	- 65559	19193	.51952	14372	.02752	01517	.04219	01428		399.91998
CT 001-	677	97880	19121	.51876	14651	.03028	51678	.50124	\$0050		300,08000
197 680	00 560	-, 74765	1,1907	.91457	14888	.93146	01497	.06644	58886	-	299,97006
-199.530	198.650	-,95128	.18925	.01665	15269	.93373	01595	.12111	-, 90753		299.97660
-198.030	398.600	06244	.19538	.02445	16447	.04056	51735	55333	-, 94937		300.19000
		RUN NO. 3	3997 9 RN/L	راء 5.86							
,	^	č	5	¥.	Շ	Š	ಕ	DLTALF	CLTBTA	×	
-98.468	-199.119	95328	.19979	.01747	14143	.02903	91411	.04322	01065		300,11900
-96.189	197	05499	50161.	.01893	14541	.03174	01570	.03449	7%21		300,07996
-97.747	98.762	04995	.19583	.01750	14857	.03331	01566	87660.	63743		305.20005
-99.532	199.185	54946	.19033	.01685	15111	.03473	01601	.57381	.02455		395.19970
-98.122	399.790	05586	.18911	16:41	15766	.03641	01745	.05209	02664		315,51976
		RUN NO. 2	2997 11 RN/L	ر = 5.86							
,		ž	5	X O	ò	CYN	ສິ	CLTALF	5LTBTA	×	
	190	95216	18961	.91439	13162	75620.	01298	.04302	197357		300.04000
-9.890	1.138	45924	.1925	.02029	13546	.03117	51596	95822	52333		396,05690
-9.366	101.050	05265	.19126	5151513	14932	.03311	01649	91843	67.100		299.945/70
-8.656	199.950	B1610-	.19734	.91833	14941	.03539	01662	.04192	00848		399,67999
-7.672	398,955	55035	18947	.61793	15444	.03528	61739	.67895	- 194543		306.12006

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(RTU103) ( 03 OCT 74

99.200 5.400 8

# # # FTOT BETA SBETA PARAMETRIC DATA 4.529 -.400 5.000 300.000 MACH = ALPHA = CALPHA = X AEDC/VAS28 (TABT) -OIETISI-CRB/ET W L/M SRB SEPAR. = 1997,9909 IN. XT = .9999 IN. YT = 455,999 IN. ZT XMRP YMRP ZYRP REFERENCE DATA 1290.3000 INCHES 1290.3000 INCHES 2690.0000 SQ.FT. .0103 SAEF = SCALE = SCALE =

RN/L = 5.85 RUN NO. 303/ 0

300.12000 299.99000 300,00000 300,06000 399,9699 -.00530 .06427 -.00893 -.024 02 CL TB TA -.01094 0.7ALF 5.07700 5.06750 5.08410 5.03860 5.06200 .516.85 -.91727 -.91729 -,01700 -.01729 .049**22** .540**51** .949**48** .545**51** -.16433 -. 16393 -.16356 .02447 .92459 .02451 CLN .02371 . 52391 .19531 .19545 .19549 CA .19078 .19535 -.56250 -.96152 -.96179 -.06252 -.96251 196.829 399.879 99.336 -100.790 -.523 -396.995 -399.250 -399.310 -490.399 -398.835

RN/L = 5.86 RUN NO. 354/ 5

CLM -02982 -01897 .02438 .01435 .91958 .19134 .19535 .18924 19051. -.95254 -.94748 -.95494 CN -.05709 -.56224 199.830 2 -96.851 -.300 99.746 620.620 -201.219 -200.680 -199.390 -199.569

300.08000 299.94000

.583*2*2 .952.81

5.04530 5.04770 5.01770 4.97220

-,01696

.03224 .03467 .04053

-.15442

RN1 = 5.85

FUN NO. 3057 0

.07326 350.00000 299,94500 300.0100 300,09000 299.34000

OL TB TA

DLTALF 5.00440 4.98489 5.05719 5.03910

æ. -,51553 -.01675

CYN .63526 .63322 53453 03792

-.14294

.01181

-.04352 0.000 .93619

> -.91667 -.51746

-.14716 -.15924 -.15276 -.15554

299.91000 300,06000 399,92000

.04589

CL TB TA .0094R 78710.

CLTALF 4.99080

CBL -.0:622

CYN .02839 .03977

-.14719 -.15914

-.14432

-.51612 -.01494

> .01869 .02182 CLM .YRM51 .91659 .52571 19094 .18994 .19165 .19581 CN -.05697 -.55843 -.55558 -.04916 -.05182 -99.595 199.820 497.959 .871 100.690 199.799 -99.203 -97.216 -96.898

OBL -.01547 -.01692 -.01643 -.01644 CAN .03314 .03398 .03648 .03783 -.14509 -.14623 -.15494 -.15697 -.13562 CL™ .52180 511682 .02514 .51913 .02206 .19110 .19174 .19152 18967 -. 55688 -.05224 -. 96225 -.04979 99.783 198.155 399.915 -99.514 -8.459 -7.977 -0.391

RN7L = 5.86

RUN NO. 356/ 0

390.15900

399,11980

-.06676 -.91767 -. 54143 -. 52443

5.07900 5.08990 5.03320 5.03530

399, 02000 300,19000

.08573 293,78,000

CL TB TA

DLTALF 5.00020

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PACE 86

(NTUIDA) ( 03 O	PARAMETRIC DATA
AEDC/VASS& (1A87)-O1ET1S1-O4B/ET W L/H SRB SEPAR.	
	REPERENCE DATA

	1290.3000 1NCHES	ZHRP :	450.0000 IN.	<b>.</b> 5.			ALPHA CALFHA X	 	3.004. 3.000. 3.000.	BETA CBETA	199. 199.
		RUN NO. 3	310/ 0 RN/L	5.85							
>		3	ð	¥.	Շ	Š	ಕ	DLTALF	CLTBTA	₹.	*
199 477	1001	- 76119	19035	12357	16354	878£0.	01691	5.04330	50200	•	.00492
0.00	V 40.7	- 56792	19621	.02336	16353	.03984	01677	5,52220	.03244	•	
199 500	169,285	1,06205	81001	.72419	16414	.04934	01709	5.01420	.93638		.01053
060.668-	200.030	75240	EC61.	. 52444	16426	.04048	-,51727	5.02660	52862		55544
-399.550	359.610	06246	19/127	.72446	16419	94040	01728	5.04400	, mn2 67		95117
		AUN NO. 3	3097 D 447L	= 5.85							
•	~	ž	₹.	×	Č	Š	é	DLTALF	CLTBTA	₹	×
-107.000	-101.300	0961	19175	3,020.	14015	47450	01571	5,09840	093 62	~	.02853
004-006-		15140	1.2161	01710.	13920	07850.	01593	5.07120	.03642	2	.03623
-291.140	297.66	04759	19088	.01534	144RD	.03/72	41557	5.07130	57150.	·	04957
-201.39	198.89	95372	4 4 6 A	.51861	15443	F3493	01645	5.19149	675.83	•	. :::16:0
-196.1 10	399.343	36177	* #641.	.02405	16373	.04921	-,91733	5,06050	S4146	9	\$700¢.
		RUM NO. 3	3587 D RN/L	£.							
>	2	Š	3	¥,	Շ	Š	છ	DLTALF	£187.0	₹.	×
-98.:81	956.66-	06236	7.9767	.02063	11984	.03613	61424	5.02020	53339	•	98439
-96.928	767	- 75878	.19196	.n2154	12688	.03276	11699	5.43493	76400	74	.11554
-94.667	196,776	€£05₽.÷	.19200	.51974	13201	.03318	÷.51600	6.98890	0:569		93975
-100,049	Pf1.291	04213	.19156	.01533	13738	.03269	91557	4. 5950	.049.53	53	.mea4
- 49.173	399.61	95861	.18997	.02213	16542	.53816	-,51742	5.54189	. in 325	<b>5</b> 2	,65568
		40N 40.	3077 9 RN/L	= 5.85							
٠	~	3	5	¥ T	b	ž	ğ	OLTALF	SLT8 TA	₹.	×
708.8-	-100.579	08690 -	.19050	.02307	12349	.03794	01516	5.53129	02454	7	.99328
-9.016	167	76149	11901.	£12409	13915	.54524	01672	5.02845	06375	•	72285
-9.046	99.742	05085	.19:25	. ri2199	14758	.04025	91666	5,04215	69159	. 65	
-7.937	196.87	04527	.19126	.02542	14781	03890	01622	\$.19979	94629	62	.93719

0-1E 20 MAY 75	_			1487	1487 TABULATED SOURCE DATA	DURCE DATA				PAGE 87
			AEDC/VASE	AEDC/VASEB (1A87) -OLETISI-ORB/ET W L/H SRB SEPAR.	ET181-088/E	T W L/H SAB	SEPAR.		(810195)	( 03 OCT 74
	REFERENCE DATA	ATA						PAR	PARAMETRIC DATA	
3867 = 2880. 1067 = 1280. 1067 = 1280.	2000.0000 34.FT. 1290.3000 1NCHES 1290.3000 1NCHES	X X X X X X X X X X X X X X X X X X X	1067,0000 IN. .0000 IN. 450,0000 IN.	N. N. 77 T.			¥ 7 3 ×	MACH = ALPHA = CALFHA = CA	4.520 PTOT. 400 BETA -5.000 DBETA	1, = 90.200 A = 5.400 A = 0.000
		RGN NO. 3	3117 B RN/L	N = 5.85						
7 -399,360 -399,960	2 99.566 199.430 399.860	CN 06102 06236	CA .19025 .19023	CLM .02335 .02440	CY 16376 16433	CYN .03995 .04051	CBL 01676 01727 01732	DLTALF -4.93430 -4.93030 -4.96060	DL TB TA 006 \$5 .003 82	x -,08536 -,19397 .04033
		REW NO.	312/ () RN/L	A = 5.85						
٠	2	5	5	3	Շ	CAN	평	DLTALF	CL TB TA	×
-199.790	99.956	-,04590	19219	.01423	13779	.02750 21070	01442	4.96490	.00492 06758	.07356
-198.070	400.250	-,06059	.18963	02320	16192	03880	01749	-5.92300	03570	.19450
		RUN NO. 3	3137 0 RN/L	A = 5.85						
>	2	3	ð	¥,	ځ	ž	නි	CLTALF	CL TB TA	×
-97.539	96.219	54839	.19239	.01531	12047	.02830	01362	-4.89850	05821	52612
-96.236	199.640	04169	. 19225	.01506	12514	15887	51497	-4.96740	03355	95883
-8.399	400.050	95128 FUN NO. 3	.18923 3147 G SYVE	.51806 /L ≈ 5.83	15226	.03370	61742	-4.99385	.902.28	. 54423
		:	,		,	;		1	1	7
•	~	3	đ	Ĭ	Շ	ž	e E	1	Z Le Z	×
960.8-	99.732	05166	.19146	20110.	12557	.03266	01337	-4.95980	03404	.24186
-6.264	199.740	04427	.19200	.51979	12869	.03261	01529	-4.96165	02195	.11758
-9.163	399.780	04032	.18959	.51499	14572	.03316	01667	-4.95790	00681	.51066

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TABLE SCURCE DATA

(RTU106) ( 03 OCT 74 )

98.209 5.409 .020 PTOTL = BETA = SBETA = PARAMETRIC DATA MACH = 4.529 R ALPHA = -.400 C SALPHA = -5.000 X X = 300.000 RUN NO. 3187 0 RN/L = 5.85 \$8EF = 2660.0000 50.FT. XMRP = 1097.0000 IN. XT LEEF = 1290.3000 INCHES YMRP = .0000 IN. YT BREF = 1250.3000 INCHES ZMRP = 450.0000 IN. ZT SCALE = .0100 REFERENCE DATA

<b>&gt;</b>	~	3	5	<b>₹</b>	Շ	Š	Ð	CLYALF	2, TB TA	×
-399.910	99.068	96217	19021.	.02430	16417	04040	01721	-4.92739	.02631	299.95000
398.759	199.980	76246	.19035	.02448	16425	740.40	12720	-4.96100	91751	300.08000
398.180	190,091	06245	19036	.02446	16426	.04948	51728	-4.97750	- 54123	300.12000
		FUN NO.	3177 G RNZL	5.86						
•	~	3	3	<b>3</b>	გ	Č	(B)	CLTALF	St. TB TA	×
-196.000	99.642	54777	SEC.	.71461	14565	066201	01488	-4.95590	96795	299.91970
199.480	199.91	04598	.16957	£6256.	14924	.53174	01461	96190	.00235	355,63990
198.590	394.64	56177	18950	.02492	16373	.04010	01730	4.91259	02750	299,93000
		₽ Se NO.	316/ 9 RN/L	98.3						
<b>&gt;</b>	~	z	5	¥ U	ሪ	ځ	ĕ	DLTALF	OL TB TA	×
-98.455	99.57	54950	195.84	£1647	14376	56. 55.	01537	-4.936en	01521	300.15000
-99.275	199.219	94498	1.8990	.01377	14685	.03253	01499	-4.92223	.03063	300,000/0
-98.732	399.660	05325	.189:6	.51885	15452	.53461	51746	-4.95450	02075	299.94@00
		FUN NO.	3157 C RNZL	5.86						
•	2	ક	3	Ð	გ	Š	ĕ	CLTALF	८ का क	×
-8.761	101.550	952A1	. 19169	.91784	13411	.03041	-,01465	-5.00620	51913	300.11900
-6.874	200.30	54579	. 19/32	59510.	13995	.03137	£1582	-4.96590	90644	300.12000
-7.161	197.99	14E39	. 1896.	.01619	15979	08880.	-,51723	-4.95420	762.92	299.99537

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DATE 25 HAY 75	_			1467	1487 TABULATED SOURCE CATA	OURCE CATA					PACE 89
			AEDC/VASI	28 (TABT) -01	AEDC/VASSBEITABY)-OIETISI-ORB/ET W.L/M SRB SEPAR.	T W L/M SAR	S SEPAR.		(RTU197)		( 93 OCT 74 )
	REFERENCE DATA	474						PA	PARMETRIC CATA	ATA	
SALT = 2690.	2690,0000 SQ.FT. 1290,3000 INCHES 1290,3000 INCHES		1997,0000 IN. XT .0000 IN. YT 451,0000 IN. ZT	IN. XT IN. 2T 2. ZT			MACH ALFHA EALPHA X		4.520 Pt400 Bt000 Ct000	PTOTL = BETA = CBETA =	90.200 5.400 4.900
		RUM NO.	319/ D RN	RN/L = 5.86							
٠	~	3	3	3	Շ	CYN	Ę	CLTALF	CL TB TA	×	
-396.319	-100.130	55882	19091	.02177	16209	.03844	01694	.04131	3.96795		.05394
-397,949	924.	15692	19008	29120	16286	91650.	01612	.98671	3.96250	·	12959
- 398.930	99.617	06080	14971	02820	16355	<b>7</b> 6685.	91679	.06555	4.00569		.19718
-300.000	199.240	06251	.19015	.02448	16435	.04051	01729	.97309	4.01490		.17872
- 584 . 267	499,119	06265	.19/50	.52454	16434	550%	91728	.03758	3.98070	•	:04963
		RUN NO.	320/ G RN	RN7L = 5.86							
•	~	3	3	3	გ	ž	ಕ	Q.TALF	CLTBTA	×	
-196.640	-100.230	04497	.19139	79010.	12722	.02156	01149	94064	3.99610	·	05628
-199.550	.131	94834	11921.	.91488	12412	66220	91432	.91621	4.05759		16889.
-197.659	100,840	94273	19221.	.012AR	12621	.02538	01497	.55289	3.959 (8)	·	05650
-198.040	199,920	04012	.18993	51047	14145	£2895	01455	.04296	3.94620		.02216
-136.363	299,665	6116	.18954	.02355	16159	.53868	91738	.04103	3.99435		.17872
		RUN NO. 3	321/ G RNA	t = 5.86							
•	~	3	5	<b>3</b>	S	ž	<del>ව</del>	CL TALF	Q. 78.74	×	
-99.903	-190,020	-,04371	19318	17:1462	09651	.01875	60600-	SYRC .	3.97920	·	07521
-99.651	-1.957	55481	19275	.01648	19795	.02531	01360	58182	3.99779	•	
-94.635	97.948	04547	19234	.01648	11482	.92746	01530	.19715	3.98305	•	22411
-10.231	199.635	03602	11961.	.01331	12525	57620.	01533	53815	3.97815	·	20473
-137.22	450.910	55177	1.18923	C11 N22	15498	.03458	51748	.61555	4.51590	•	G4941

THEN THE PAGE IS

PACE 99

(87U108) ( 53 OCT 74 )

(4101) (5)	FARANETRIC DATA
AEDC/VASZB(IAB7)-OIETISI-ORB/ET W L/M SEB SEPAR.	REFERENCE CATA

SAEF : 2690. LREF : 1290. SCALE :	2690.0000 58.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	X348P	1997,0000 IN. YT .0000 IN. YT 450,000 IN. Z	# # K			HACH ALPHA DALPHA X	;, # H H	4.529 499 .000 900.000	PTOTU BETA CBETA	5.490 4.900
		RUN NO. 3	324/ S RN/L =	5.85							
•	~	3	5	S.	Շ	N.	ฮ์	DLTALF	ا بر ا		× 5
-396.000	-101.310	05966	.19116	12224	16241	.03663	91616	.07213	, ,		200.03000
-394.500	. 424	05986	19003	.02244	16296	.03953	01631	0.680		5,9269:1 5,1779 F	CAST CAPACITY
-394.139	100.150	06233	.19021	.ne442	16450	.04038	22710	*0000.	) F		0.674 000
-396.489	200.580	\$2290	1979	.72441	16414	.04042	51728	13:129	. S. S.		299.99770
		RCN NO. 3	3237 N RN/I	RM/L = 5.85							
		į	i	3	3	٤	ē	CLTALF	7	DL TB TA	×
>	~	3	(A	66.43	4451.	02150	01350	36:45	4.10		390,26970
-272.279	-100.745	12670.	19161	00000	25001.	00707	1980	1022F	.0.		396.15993
-199.100	.217	-,750.76	.19125	500 F	20141	Canal C	07470	0.00	ď		239.89GP
-196.919	99.67		n :	41075.	4.021	20070		11529	7		S99,93076
-194.750	194.650	-1.4577	200	1.50	14.04	00.00			90		CONTROL OFF
-197.879	394.940	06193	.1A959	.52412	16354	2000	.2.is:-	¥ 2 /			
		RUN NO. 3	322/ O RN/L	5.85							
,	•	3	ď	ĭ	გ	Č	g G	CLTALF	ત		×
	7	10 to 10 to	18956	8	12947	.02317	01220	.04835	₹ •	n (360.5)	350.18700
	1.00 1.1.1.	1000	1000		13336	.02643	41439	, CA277	,	£ 6666.1	300.18000
199.441	271.		90000	664.0	11686	4.00 C.	-,01562	1785	-,	2 511561	299,96000
-94.542	8	1507	01161	26.016.	20011-	10.10	04.60 to 1	98870.	•		393,25900
11.71.880	199.24	54441	LEFE .		3000	2000		G.672			299. 84(4)6)
301 00	199 76/	CS2#3	C 12 2	11.00	:5577	1000	17/11/	27.4			

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			AEDC/VASE	(1487) -OI	AERC/VASEBILABT) - OLETISI - OMB/ET W L/M BMB SEPAR.	T W L/M BRE	SEPAR.		(RTV109)	~	(RTU109) ( 03 OCT 74 )
	REPERENCE DATA	AT.						7	PARAMETRIC CATA	SATA	
SAEF : 1890,0008 BAEF : 1890,3008 COC	.9999 84.FT. .3009 INCMES .3909 INCMES		1097,0700 IN. ,0000 IN. 450,0000 IN.	***			HAOH ALFHA PALFHA X	**************************************	4.320 400 5.000 500.000	PTOTL BETA CBETA	2 99.200 2 5.400 2 4.000
		RUN NO. 32	325/ G RN/	RN/L = 5.06							
•	•	3	3	CL	ò	Æ	ಕ	DUTAL	Q.TBTA		_
-100.359	-100.660	19880	. 19054	72237	16284	.53924	01628	5.97449	3.99540		299.94000
-396.645	658	05115	\$0061.	.02335	16346	03990	01571	5.97160	3.96910		300.09000
-396.750	\$3.454	26265	.19063	12451	16471	.04065	01735	\$.06030	4.90359		520,16000
-399.910	199.100	96249	19722	.02449	16396	54040	01725	3.07660	4.03 <b>9</b>		2001-20000
· 394.500	399.820	06236	19726	.02445	16415	.04047	-,01727	5.04050	3.98645		300.00000
		R.N. 10. 38	326/ 0 RM/	RM. = 5.66							
•	•	ð	5	5	Շ	Ē	ಕ	OLTAL F	OLTB1A		×
-800.180	- 20 530	nSP81	19109	19116.	13772	:2632:	01505	4.97200	4,00090		259.91000
196.963	276	-, 39041	. 19117	\$6910.	14233	.02869	01598	5.03990	3.99970		300.13000
-196.990	\$ .27.5	04480	.:9744	.01279	1445"	:9620	-,01475	5.05400	3.991.93		390,09000
-250.780	199.730	74964	.18686	19319.	15041	.03267	01619	5,03700	4.05445		399.32993
-196.520	400.940	76242	.13966	.02445	16456	34946	91727	4.97170	3.99997		350,57500
		AUN NO. 52	327/ D RNA	RNA : 5.85							
•		3	3	¥ J		ž	é	CLTALF	OLTB TA		×
-107.799	-98.317	95450	.19128	.71858	13296	.02595	01521	5.01130	4.076.60		300,06000
-99.972	214.	05202	.19142	51637	13635	.02846	01635	5.00360	4,02999		299.87000
-96.770	190,090	04529	19762	.01456	14200	.03:54	01557	5,00390	3.94000		299.77000
-191.9.9	199.729	94775	. 18948	.01645	14605	.03411	01637	5.03560	4.01179		299.99000
-105.700	400,630	05en2	. 16929	.02043	15009	₹99€	01745	5.00600	4.04030		299,97000

K HOLL

(RTUILD) ( 03 OCT 74 )

ARDC/VASCACIAST - CARTISI-CAB/ET & L/H SAB SEFAR.

	PARAMETRIC DATA	
AEOC/VADEG (1867) -OIRTIGH -OXG/RT W L/J 026 06727.		
	REFERENCE DATA	

SAEF = 269	10.0000 SQ.F.	. XMRP #	1090,7601	z. x			JAK	ı,		2	
LREF = 129 BREF = 129 SCALE =	1295,3000 INCHES 1290,3000 INCHES .0120	IS THAP H	. 9000 IN	r z z			ALPHA CALPHA X	4 H H H	5.090 0	SETA DBETA	5.400 2.000
		RUN NO. 3	335/ D RN/L	L = 5.85							
:-	2	ž	2	¥,	გ	z č	æ	OLTALF	DLTBTA	⋖	×
-398.660		•	.19043	11250.	16276	.03908	01629	5.04180	3.9996		.11426
-398.719			19004	.02286	16334	99660.	01661	5,02659	3.98940		.95568
-398.5A			19999	.92369	16366	.54015	01684	5.02320	3.9886		30360.
-399.040		•	18999	.02444	16494	.04044	01726	5.91779	3.9910		.04328
-398.96	399.750	•	71061.	.02448	16395	.54549	01724	5.04180	3.9955		.05098
	1	ġ	329/ S RN/L	,,	3	į	ē	u 4 6	č		<b>,</b>
<b>&gt;</b> -	7	z	5	ב כ	5	כ	9	ָרָ ה ה	2		
-197.535	•	05316	.19156	77710.	12856	.02394	01442	5.07540	3.932		.05164
-199,759			.19252	.01550	12636	.52469	51508	5,09050	4.04660		.05065
-201.099			.19185	.61267	13284	.02669	01522	5,05690	4,0889		.12292
-201.27			.18936	.51368	14713	.53155	01557	5.07090	4.08390		.21734
-198.925	398,890	•	.18976	.02349	16254	.53931	01734	5.06160	3,9595	•	.03004
		FUN NO.	3287 G SN/L	L = 5.86							
۰	2	ž	₹.	<b>5</b>	Ç	S	ਰ	CLTALF	CL TB 1		*
-97.552		•	19061	.01926	15457	.02588	01355	5.91279	3.94270		.43841
-99.548			.19155	.01921	11539	.53542	01547	5.03230	4.9971		.15669
-97.368		•	.19185	.01791	12594	.03288	01579	4.99765	3.9147		67091
-191.449	0 251.125	·	.19128	.01432	13254	.53221	01549	4.97900	4.94729		.20465

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CATE 20 HAY 75				1487 T	IAB7 TABULATEC SOURCE CATA	WRCE DATA				PAGE 93
			AEDC/VA526	(1A87) -01E	AEDC/VAS28(IA87)-O1ET1S1-ORB/ET W L/M SRB SEFAR.	WL/H SRB	SEPAR.		(4TU111)	( 93 OCT 74 )
	REFERENCE DATA	<b>4</b> +						PAR	PARAMETRIC DATA	•
SREF = 2690,0000 LREF = 1290,3000 BREF = 1290,3000 SCALE = 01150	2690.0000 59.FT. 1290.3000 INCHES 1290.3000 INCHES	XMRP = YMRP = ZMRP =	1097,9595 IN. .0355 IN. 455,0595 IN.	;;;			MACH ALFHA DALPHY X	" " " "	4.520 PTOTL 100 BETA -5.000 DBETA .0001	rt = 99.200 4 = 5.400 rA = 4.000
	_	RUN NO. 33	331/ 0 RN/L	5.83						
1	,	ā	đ	2	?	ξ	ē	7.41	C: TB TA	×
795°265	99.033	05861	.18972	.52138	16313	.03938	0,132	-4.89745	3.94319	03205
-399.650	199.525	06197	.18962	.02415	16499	.54036	01714	-4.93770	4.03255	.15759
-398.285	400.050	06240	.19037	.02447	16412	.04044	91725	-4.96170	3.97970	.08379
		RUN NO. 3	332/ g RN/L	5.85						
<b>&gt;</b>		3	ð	X Č	Շ	Š	ච	CLTALF	CLTBTA	×
-199.080	99.841	04034	.19176	.01937	12295	.02224	01365	-4.96410	4.00115	15618
-198.600	199.900	03489	.19562	.90731	13358	.02540	01356	-4.96050	3.98770	.57834
-198.890	399.800	05665	.18859	.02564	15687	.03565	01747	-4.95860	3.99659	.1918
		RUN NO. 3:	333/ B RN/L	5.86						
•	•	ž	đ	<del>2</del>	č	٤	ë	CLTALF	CLTBTA	×
907 80-	90	- 64155	19102	701110	15465	112312	01256	-4.88779	3.92279	25534
-98.811	199.840	53348	.19232	.01119	11957	.02315	01448	-4.97135	3.97125	17393
-100.780	401.320	94497	.18897	.01431	14615	.03120	91717	-5.00400	4.04079	.03254
			AEDC/VA52	3 (I A87) -01E	AEBC/VA529 (1A87) -OIETISI -ORB/ET W L/H SRB SEFAR.	WL/H SRB	SEFAR.		(RTU112)	( 93 OCT 74 )
	REFERENCE CATA	ŢĀ						PAR	PARAMETRIC DATA	
				•						,
SAEF = 2690.	2690.0000 50.FT. 1290.3000 INCHES	XXXX	1597,9050 IN, XT	× ×			A F	II II	4.52: FIOIL	1 = 90.504
11	1299.3000 INCHES		450.0000 IN.	۷. 27			CAL	CALPHA = -	-5.000 08ETA	
H	.0100						×		300.000	
		RUN NO. 3:	3367 G RN/L	5.85						
<b>&gt;</b>	2	3	5	CLW	Շ	S S	ಕ	CLTALF	CLTB TA	×
-399.780	96.968	96161	.18998	.02366	16390	.04020	01689	-4.93420	4.00870	300.27000
-397.720	199.580	76254	. 19954	.02449	16443	.04059	01733	-4.93590	3.94595	299.96000
-398.090	400.450	-,06238	.19025	.02444	16414	.04946	91727	-4.98985	3.96579	399.01990
	-	RUN NO. 33	3357 S RN/L	. = 5.85						
•	~	3	3	3	Շ	Š	ម័	CLTALF	CLTBTA	×
-197.600	99.917	04373	.19077	.61231	14965	.02753	01446	-4.96255	3.92245	299.88000
-198.479	198.490	94191	18925	76600.	14363	.02893	51493	-4.87129	3.97285	299.83000
-196.249	398.659	96513	30691.	.02285	16124	.53846	51741	-4.90920	3.96665	299,99000
		1								

CONTRACTOR OF THE PROPERTY OF

(RTU112) ( 93 OCT 74 ) PARAMETRIC DATA

. . . PTOT BETA 4.529 -5.009 300,000 MACH = ALPHA = DALPHA = X = 1097.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT XXX ZMRP 4 HRP REFERENCE DATA LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES 2690.0000 SQ.FT. .0100

95.200 5.499 4.999

RN/L = 5.86 RUN NO. 3347 5

SCALE =

4.99719 399.34998 399.14999 4.00690 300.14000 3.97940 299.89000 CLTBTA -4.95179 -4.95429 -4.96279 CLTALF -.01490 -.91422 .02506 .02716 .53266 -.13053 -.15544 CLM .01150 .01068 .01645 CA .19012 .18972 .18862 -.04263 -.04879 -. f13947 z **2** 99.903 199,425 399.665 -99.553 -95.032 -99.247

AECC/VA528 (IA87) -OIETIS1-ORB/ET W L/H SRB SEPAR.

( 93 OCT 74

(RTU113)

REFERENCE DATA

и и и FTOTE 4.520 MACH HAPPEDALPHA H

PARAMETRIC DATA

5.400 8.900

DBETA

000

BETA

90,200

\*\* ZMRF SREF = 2690.0000 SQ.FT. 1290.3999 INCHES BREF = 1290.3999 INCHES .5156 SCALE = LREF

XMRF = 1097.0000 IN. XT YMRF = .0000 IN. YT .9000 IN. YT

FN/L = 5.86 RUN NO. 3377 0

.95492 .11438 -.00343.99553 -.12023 CLTBTA 7.99325 7.94669 8,51235 8.96310 7,99050 .97920 .03669 62655. .15869 53524 -.01448 -.51582 -.01728 -.01360 -.51722 .04050 .03409 .93785 .03491 -.16424 -.15605 -.15682 -.16103 .02416 .91484 .51639 .02025 .1961. .18875 .19038 .18958 -.04959 -.95793 -.56250 -.55166 -.76194 z -.926 99.424 -99.894 199.530 695,139 -399.789 -399.520 -358.835 -399.429

RN/L = 5.86 RUN NO. 3387 9

.61552 CYN ,00341 .02388 .93584 .51927 -.19488 -.59269 -.12800 -.15725 Ç -.06530 .95441 .05858 .00933 05050 CA .19132 .1993 .18874 .19136 .19152 -.92869 -.95565 -.02285 -.939ce -.53625 Z Z -190.040 199.745 Ľ6Ľ-191.290 399.840 -199.990 -197.799 -193.630 -199.759 -199.600

x -.22667

7.99925 7,96949

CLTALF .03459

CBL -.00786

.92592 -. 55219 .04255 .04956

-.91252

CL TB TA 7. S9475

-.12616 .14635

7.99619 8.99599

-.91466 -.91371 -.91754

-.97147 -.99977

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TABULATED
IA87 1
MAY 75
2

CATE 29 MAY 75				IA87 1	IA87 TABULATED SOURCE DATA	URCE DATA					PAGE	\$6
			AEDC/VAS28 (IA87) -OIETISI-ORB/ET W L/H SRB SEPAR.	1487) -016	:T1S1-0R8/E1	WL/H SRB	SEPAR.		(RTU114)		( 93 OCT 74	~ <b>Z</b>
ar	REFERENCE DATA	14						PAR	PARAMETRIC D	DATA		
SREF = 2690.0700 LREF = 1290.3070 BREF = 1290.3070 SCALE = .0190	0000 SQ.FT. 3000 INCHES 3000 INCHES	XHRP :: YMRP ::	1097.0995 IN. XT .0009 IN. YT 459.5999 IN. ZT	7			MACH ALFHA DALFHA X	и и и и	4.520 P 400 B .000 D	PTOTL BETA DBETA	11 11 11	90.200 5.400 8.900
	_	RUN NO. 34	3407 9 RN/L :	= 5.85								
>	2	3	3	X C	Շ	Š	ਵ	CLTALF	CLTBTA		×	
-396.500	-101.900	95517	5258	.01914	16130	.03783	91597	.07155	7.97800		399,39999	<b>Q</b>
-398.970	903	05639	.18979	.91971	16233	.03885	01527	.04920	7.95440	•	299.80000	c .
-398.370	195.940	96144	.18918	.02356	16372	.04018	01684	.03638	7.94970		300.00000	Ç (
-399.270	200.260	06244	.18988	.02443	16424	.04548	01728	112484	2000		2011.0	2 9
-398.040	490.279	9623\$	.18999	.02444	16381	.04039	51724	.02921	7.91160		299.86000	Đ
		RUN NO. 33	339/ D RN/L:	= 5.86								
٠	2	z	3	¥. CL¥	Ն	Š	ළ	DLTALF	CL TB TA		×	
-198.449	-190.280	53645	.18957	.00505	11987	.91447	01093	.04467	7,96749		299.87000	ଚ
	.374	54251	19994	.51986	12989	.02150	51423	.04502	8.03019		300.09000	6
-197.289	99.579	63990	.19951	.51C24	13441	.02456	51469	.05662	7,91450		299.59000	0
-198.850	198.719	03957	.18879	55900	14971	677513.	51446	96760.	8.02795	•	299.75000	Ç.
-200,800	400,689	96524	.18915	.62291	16183	.03882	01738	00341	8,07329	•	300.27000	Ç
			AEDC/VA528 (	1487) -016	AEDC/VA528 (IA87) -OIETISI -ORB/ET W L/H SRB SEFAR.	TWL/H SRB	SEFAR.		(RTU115)		( 13 OCT 74	74 )
œ	REFERENCE CATA	14						FAR	PARAMETRIC DATA	SATA		
SAEF = 2690.0070 LREF = 1290.3000 BREF = 1294.3000 SCALE = .0100	.0000 SQ.FT. .3000 INCHES .3000 INCHES	XXXXP YMRP ZMRP	1097-0000 IN. XT .0000 IN. YT 450-0000 IN. ZT	7			MACH ALPHA CALPHA X	, iii ii ii ii ii ii ii ii ii ii ii ii i	4.520 P	PTOTL BETA CBETA	# # H	90.200 5.400 8.000

RN/L = 5.85 RUN NO. 3417 0

6LTBTA X 8.00890 300.07000 8.01610 300.01000 8.01960 300.06000 8.04840 300.25000 7.98700 300.02000 5.06600 5.06600 5.06030 5.05920 5.06490 CBL -.01547 -.01583 -.01724 -.01729 CYN .03844 .03935 .04044 .04048 CY -.16187 -.16287 -.16422 -.16416 CCLM .02013 .02117 .02441 .02439 CA .19012 .18948 .18967 .19037 CN -.05667 -.05827 -.06240 -.06220 2 -170.460 -.590 99.535 199.280 7 -400.090 -400.080 -399.650 -400.490

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96 PAGE (RTU115) ( 03 OCT 74 ) AEDC/VASZ8 (IABT) -OIETISI-ORB/ET W L/H SRB SEPAR.

NAME   1997 (2000)   N. YT   NAME   1997 (2000)   N. YT   NAME   1997 (2000)   N. YT   NAME   1997 (2000)   N. YT   NAME   1997 (2000)   N. YT   N.	Ī.	REFERENCE DATA	4						PAR	PARAMETRIC BATA	
CN		D SQ.FT. D INCHES D INCHES		1097,0000 1 .0000 1 450,0000 1	× × × × × × × × × × × × × × × × × × ×			MAG ALPI SAU			11 11 11
CN CA CLM CY CYN CBL CLTALE CLTBTA X04504 .19061 .0137212531 .0163201395 4.96390 6.021300 299-6-020204571 .19099 .01142213784 .0284901456 5.02830 6.02170 200-1600204303 .19681 .01142213784 .0284901456 5.02830 6.02280 299-0-02020204303 .19681 .01142213784 .0284901456 5.02830 6.02280 290-02020204303 .19681 .01142213784 .0392901557 5.02830 6.02280 290-020202056176 .18681 .01142214506 .0392001572 4.96760 6.05640 300-05002056176 .18681 .01142 .0289916338 SEPAR.					н						
04704 .19061 .0137212531 .0183201390 8.053500 299-6402X03932 .19037 .0102213304 .0234801457 5.03830 8.05500 299-6402X03932 .19037 .0102213304 .0324801457 5.04290 8.05640 300.4300003932 .19037 .0102214306 .03920601540 5.04109 8.05640 300.4300003932 .19037 .0102214306 .03920601530 5.04109 8.05640 300.4300003932 .19037 .01629916336 .03920601729 4.96760 8.05640 300.4300 .01607X04031 .18640 .0123916339 .01439 8.0424 = -4400 8ETA = -4400 8ET			3	3	<b>3</b>	ځ	Š	ਰੰ	CLTALF	CLTBIA	×
04671 .19099 .0145213304 .0239801567 5.03830 8.02170 305.18008 .20392 .19037 .01022 .13784 .0784801540 5.04710 7.92390 305.031008 .20393 .19037 .01022 .13784 .0784801540 5.04670 7.92390 305.031009 .20393 .18881 .01180 14506 .0393001750 5.04690 8.05250 305.18000 .20393 .18851 .01180 14506 .0393001729 4.96760 8.05230 305.18000 .20393 .18851 .00231 .00251 .2039 16339 5.04690 8.05220 305.18000 .20393 .20393 .18951 .20393		98.276	94794	19061	91372	12531	.01832	01395	4.98380	8.05309	299,640:00
03992		294	04671	.19099	.01452	13304	.02398	01567	5.03830	8.02170	300,16000
04303 .18861 .0118014306 .0300801340 5.04690 8.06646 300.4600306176 1.8951 1.0239916338 .04003 .0.01729 4.96760 8.02320 300.180003 1.001803 1.0018		99.588	63992	15051.	.01022	13784	.02648	01450	5.04719	7,95970	300.03000
ATA  XMEP = 1097.0000 IN. XT  YMEP = 450.0000 IN. XT  XMEP = 450.000 IN. XT  XM		99.620	04303	.18881	.01180	14506	.03006	01540	5,04690	8,06540	300,46000
ATA  XMGP = 1097,0000 IN. XT  XMGP = 1097,0000 IN. XT  XMGP = 1097,0000 IN. XT  XMGP = 1097,0000 IN. XT  XMGP = 4,520 FTOTL = 5,86  RUN NO. 344/ 0 RN/L = 5,86  CN  CN  CN  CN  CN  CN  CN  CN  CN  C		91.179	06176	.18951	.02399	16358	C04.341.	62/101-	4.90/05	0.2000	0000110000
MACH = 1997.0900 IN. XT				AEDC/VA52	(1487) -OI	E7131-088/E	TWI/H SRB	SEPAR.			( 03 007 74
XHRP = 1097.0000 IN. XT         HACH = 4.520 PTOL = 1.00         PTOL = 1.00		ERENCE DA	TA.						ď.	AMETRIC DATA	
TWAP = 1.0000 IN. YT  ZMEP = 450.0000 IN. ZT  ZMEP = 450.0000 IN. ZT  RUN NO. 3447 0 RN/L = 5.86  CN  CA  CA  CA  CA  CA  CA  CA  CA  CA	ľ			1 0000 4001	<b>-</b>			CYN	11		"
ZMEP = 450,0000 IN. ZT		D INCHES		1 0000.	; ;			ALP!	"		н
RUN NO. 344/ 0 RN/L = 5.86  CN		5 INCHES		450.5996 1	N. 2T			י פאר	11 1		
FUN ND. 344/ 0 RN/L = 5.86  CN CA CLM CY CYN CBL DLTALF DLTBTA05299 .18976 .0114915598 .0343901499 5.04370 7.9823005299 .18916 .0184115515 .0359001529 4.99020 8.0108005233 .18942 .0224715391 .0403901726 5.02210 7.9523005233 .18942 .0244415391 .0403901726 5.02250 7.9593005229 .19013 .0244415391 .0403901726 5.02250 7.99710 RUN ND. 3437 D RN/L = 5.86  CN CA CLM CY CYN CBL DLTALF DLTBTA04533 .19096 .0118209866 .0103101276 5.05240 7.9910004533 .19096 .0118209866 .0103101516 5.02240 7.9910003370 .19254 .0103911863 .0228401560 7.9953003370 .18961 .07226011863 .0273901442 5.09680 7.99545		ត						×	11	16.65	
CN CA CLM CY CYN CBL DLTALF DLTBTA5529 .18976 .0174915596 .0343901499 5.04370 7.9823055439 .18916 .0184115815 .0359001529 4.99020 8.0108055439 .18942 .0524716233 .0391801660 5.02010 7.957905623 .18942 .0724316399 .0404301726 5.02010 7.957905629 .19013 .024416391 .0403301726 5.02050 7.969805629 .19013 .024416391 .0403901726 5.02050 7.997105452 .19696 .0118259866 .0103151276 5.02040 7.9910054563 .19696 .0118259866 .0103151276 5.02040 7.9910053770 .19696 .0118259866 .0103001516 5.02040 7.9910053370 .18987 .0773311863 .0273951442 5.02690 7.9983055954 .18961 .07226016110 .0383651741 5.04660 7.99540			RUN NO. 3		н						
05299 .18976 .0174915598 .0343951499 5.04370 7.9923005439 .18916 .0184115613 .0359001529 4.99020 8.010800533 .18942 .0524716233 .0391801660 5.02010 7.9579006233 .18942 .072441639 .0444301726 5.02910 7.95790 7.9693006229 .19013 .0244416391 .0403901726 5.02900 7.96930 7.9693004563 .19096 .0118209866 .0113101276 5.02690 7.9911004503 .19096 .0118209866 .0113101276 5.02940 7.9911003370 .19098 .0073313599 .0273951442 5.02690 7.9993003370 .19098 .0073313599 .0273951442 5.02690 7.9993003370 .18987 .0773313599 .0273951442 5.02690 7.9993005594603594 .051311056401510 5.0446 5.04660 7.99830055954 .18961 .07226016110 .0393651741 5.04660 7.99540		~	ટ	2	¥. U	Շ	ž	é	CLTALF	2LTBTA	×
05439 .18916 .0184115813 .0359051529 4.99020 8.5108055974 .18862 .0224716233 .0391851660 5.02010 7.9579056233 .18942 .0224716339 .0404351726 5.022010 7.9579056229 .19013 .0244416391 .0403351726 5.02260 7.9579056229 .19013 .0244416391 .0403351726 5.02660 7.9971054563 .19696 .0118259866 .0113151276 5.10650 7.9736054503 .19164 .513315564 .0173051516 5.022940 7.9910053370 .18987 .5673518599 .0273951442 5.02680 7.99830518954 .18961 .07226016110 .0393651741 5.59650 7.99540	_	00.190	55299	.18976	.91749	15598	.03439	01499	5.94379	7,98230	2623 <b>2</b>
05974 .18862 .0224716233 .0391801660 5.02010 7.9579006233 .18942 .0224716399 .0404301726 5.022010 7.9579096233 .1904316399 .0404301726 5.02260 7.9690096229 .19013 .0244416391 .0403901726 5.02660 7.9071092229 .19042 .0118299866 .0118101276 5.11650 7.9736004503 .19164 .0133110564 .0173001516 5.02940 7.9910003370 .19259 .0103911863 .0228401500 5.03260 7.9983003370 .18987 .0773313599 .0273951442 5.02680 7.99830055554 .18961 .07226016110 .0393651741 5.04660 7.99540		.667	~.05439	.18916	.01841	15815	03280	-,51529	4.99020	8.91089	.04933
-,0623 ,18942 ,02439 -,16399 ,04043 -,01726 5,02950 7,96980 -,06229 ,19013 ,0244 -,16391 ,04039 -,01725 5,02660 7,90710 -,04529 ,19013 ,0244 -,16391 ,04039 -,01725 5,02660 7,90710 -,04563 ,19696 ,01182 -,99866 ,01031 -,01276 5,11650 7,97360 -,04503 ,19164 ,01331 -,10564 ,01730 -,01516 5,02240 7,99100 -,03370 ,18987 ,07733 -,13599 ,02739 -,01442 5,02680 7,99830 -,03594 1,02260 -,01510 5,04660 7,99830 -,05594 1,02260 -,01510 5,04660 7,99830 -,05594 1,02260 -,01741 5,04660 7,99840		96.139	95974	.18862	. 52247	16233	90350	91660	5.02010	7.95790	01738
06229 .19013 .0244416391 .0403901725 5.02060 7.90710  RUN NO. 3437 D RN/L = 5.86 04563 .19096 .0118209866 .0103101276 5.10650 7.9736004503 .19096 .0118209866 .0103101516 5.02240 7.9910003700 .19259 .0103911863 .0228401516 5.02240 7.9910003370 .18987 .0073313599 .0273901442 5.02680 7.9983005954 .18961 .0226016110 .0383651741 5.04660 7.99540	_~u	90.555	96233	18942	.02439	16399	.04043	01726	5.02950	7,96983	.00681
CN CA CLM CY CYN CBL DLTALF DLTBTA0.4563 .19696 .0118209866 .01103101276 5.10650 7.973600.4503 .19164 .0133110564 .0173001516 5.02940 7.9910003770 .19259 .0103911863 .0228401500 5.03300 7.9961003370 .18987 .0773313599 .0273951442 5.02680 7.9983005954 .18961 .0226016110 .0383651741 5.04660 7.99540	-	99.299	-, 06229	.19513	.02444	16391	.04039	91725	5.92660	7.96710	34925
CN CA CLM CY CYN CBL DLTALF DLTBTA,04503 .19096 .01182,09866 .01031,01276 5.10650 7.97360,04503 .19164 .01331,10564 .01730,01516 5.02240 7.99100,03700 .19259 .01039,11863 .02284,01500 5.03300 7.99610,03370 .18987 .07733,13599 .02739,01442 5.02680 7.99630,05954 .18961 .02260,16110 .03836,51741 5.04060 7.99540		_			"						
04563 .19096 .0118209866 .0103101276 5.10650 7.9736004503 .19164 .0133110564 .0173001516 5.02940 7.9910003700 .19259 .0103911863 .0228401500 5.03300 7.9961003370 .18987 .0773313599 .0273951442 5.02680 7.9983005954 .18961 .0226016110 .0383651741 5.04660 7.99540		~	ž	3	j	Շ	Š	ē	<b>SLTALF</b>	<b>CLTBTA</b>	×
04503 .19164 .0133110564 .0173001516 5.02940 7.9910003700 .19259 .0103911863 .0228401500 5.03300 7.9961003370 .18987 .0773313599 .0273901442 5.02680 7.9983005954 .18961 .0226001711 5.04060 7.99840		71.429	-,04563	36561.	.01182	19866	.01031	91276	5.19659	7,97360	13917
7903700 .19259 .0103911863 .0228401500 5.03300 7.99610 .0273901442 5.02680 7.99830 .0273901442 5.02680 7.99830 .0273901442 5.02680 7.99830 .1005954 .18961 .0226016110 .0383601741 5.04060 7.99540		- 199	04593	.19164	.01331	19564	.01730	91516	5.52940	7,99160	16233
9003370 .18987 .0673313599 .0273901442 5.02680 7.99830 . 1005954 .18961 .0226016110 .0383601741 5.04660 7.99540		678.66	53770	19259	.01039	11863	.02284	01500	5.63390	7,99619	57646
1005954 .18961 .0226016110 .0383601741 5.04060 7.99540	_	066.66		18981.	.00733	13599	.02739	51442	5.92689	7.99830	14954
	'n	99.819	05954	1961.	.02260	16119	.63836	51741	5.94569	7,99545	608801

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DATE 20 MAY 75	ŗ.			IAB7	1487 TABULATED SOURCE DATA	NACE DATA				PAGE 97	<u> </u>
			AEDC/VA SE	8 (1A87) -01	AEDC/VA528 (1A87) -OLET1S1-ORB/ET W L/M SRB SEPAR.	WIN SRB	SEPAR.		(RTU117)	( 03 OCT 74	_
	REFERENCE DATA	<b>47</b>						44.	PARAMETRIC DATA	<	
BACF = 1890 LACF = 1890 SCALE = 1890	2660.0000 86.FT. 1265.2000 INCHES 1260.3000 INCHES .0100	Y THE C	1 0000 . 0001 1 0000 . 0000 1 0000 . 0000	17			¥ 4 0 ×	MACH BALPHA BOALPHA B	4.8EG PTOTL 400 BETA -5.000 DBETA	TL = 90.200 A = 5.400 TA = 8.000	888
		RUN NO. 3	345/ 0 RN/L	7 = 5.85							
7 -399.850 -400.540		CN 04900 05925	.18891 .18790	CLM .01421 .02186	13643	.03888	CBL 01368 01636	0LTALF -4.91019 -4.89660	DLTBTA 7.97830 8.03620	.04259	
-399.660	399.970	06255 RUN NO. 3.	.19004 346/ 0 RN/L	.n2448 . = 5.85	-, 16405	.04043	01726	-4.96170	G1286'	-16/93	
7 -199.640 -196.900 -199.530	2 95.912 200.780 399.710	CN 02717 02487 04826	CA .19081 .19114 .18771	CLM .00030 .00222	CY 09376 15849 14861	CYN .00891 .01360 .03111	CBL 01135 61377 91738	DLTALF -4.97720 -5.02800 -4.95850	6.00140	x 32037 04684 .18731	
	REFERENCE DATA	4.	AEDC/VA52	.8 (TA87) -O1E	AEDC/VAJ28 (IA87) -OIETISI-ORB/ET W L/H SRB SEPAR.	BR L/H SRB	SEPAR.	ď.	(RTU118) PARAMETRIC GATA	( 03 OCT 74	_
BAEF = 2090 LAEF = 1290 SCALE =	2690,0000 80.FT. 1290,3000 INCHES 1290,3000 INCHES	YARP S	1097.0000 IN. .0000 IN. 450.0000 IN.	* * * * * * * * * * * * * * * * * * *			ALPHA X CALPHA X	'A' 	4.520 PTOT. 400 BETA -5.000 DBETA 300.000	FL = 90.200 A = 5.400 FA = 8.000	888
		ġ	348/ D RN/L								
7 -401.040 -396.010 -397.640	2 99.04T 199.560 400.390	CN 05769 06237 06238	CA .18699 .18947 .19007	CLN .02054 .02440 .02445	CY 16302 16400 16389	CYN .03954 .04043 .04050	.01560 01560 01726 01724	DLTALF -4.95000 -4.94610 -4.98620	DLTBTA 8.06670 7.93130 7.91310	X 300. <b>64</b> 000 299.82000 299.91000	
+ 196.990	2 07 <b>9. 89</b>	RUN NO. 34 CN 03498	3477 D RN/L CA .18961	L = 5.86 CLM .99621	CY 12846	CYN .02086	CBL 01343	CLTALF -4.93750	CLTBTA 7.93410	x 299.65000	
-199.950	199.940	03399	.16671	.00570	15443	.02392	01340	-4.96040	7.99995	300,00000 299,91000	

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IABY TABULATED SOURCE CATA

( 93 OCT 74 (RTU119)

90**.200** 10.900 .03463 -.11159 -.55696 -.19880 -.00685 -.18074 -.03750 -.11820 x .54319 -. 92336 .41556 .01193 .08191 -.76817 × -.!36841 PTOTL BETA CBETA PARAMETRIC DATA CLTBTA .03468 -.00564 -.08924 -.07617 .00447 00.1814 -.001.06 .01774 -.02078 -.0627 .05931 .04658 .03147 .03147 .03269 -.01439 Cuitaita Geora -. 91485 4.520 .296 .999 ELTALF .14888 .15522 .15538 .16164 5LTALF .13659 .21949 .22676 .13951 5265 19958 19958 12779 11153 5LTALF .16130 .15446 .14700 .14875 MACH = ALFHA = CALPHA = X CBL -.03915 -.03762 -.04061 -.04033 CBL
-.03988
-.03869
-.04056
-.04145 CBL -,03633 -,03855 -,03995 -,03993 CBL -.03794 -.03708 -.03753 -.63920 -.53716 AECC/VA528 (1487) -OLETISI-ORB/ET W R/H SRB SEPAR. CYN .08472 .08233 .08960 .09864 .09**6**15 .1<sup>7</sup>7721 .59780 CYN .09679 .09145 CYN .08927 .09521 .09816 .09867 CYN .19459 .19974 .69339 -.36189 -.35588 -.35262 -.37244 CY -.34871 -.35458 -.35746 -.36091 .34775 -.35269 -.35667 -.35640 CY -.36074 -.35877 -.35264 -.35264 RN/L = 5.90 RN/L = 5.92 RN/L = 5.93 RN/L = 5.93 CLN .91216 .01879 CLM -91191 .6:378 .07886 .01354 CLM .02311 .02040 .01317 .01955 .01568 .91372 .61954 .07.836 .11.276 CLM .01895 .01744 .01240 .00826 = 1097,0000 IN. XT = .MODO IN. YT = 450,0000 IN. ZT .20246 .20399 .20113 .19635 .29389 .19990 CA .19547 .19984 .20214 .297792 .19619 .29194 CA .20167 .20203 .20126 .20155 .19974 NN NO. 352/ 0 RUN WD. 3497 G RGN 10. 3517 0 RUN NO. 3507 S -.04925 -.05609 -.05449 -.03659 -. 54458 -.04679 -.54685 -.96213 -.04551 -.05603 -.03933 -.5458G -. 53936 -.04693 -.05552 z REFERENCE DATA SREF = 2690.0000 59.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100 -.222 99.630 -1.928 98.179 199.945 399.847 2 -190.129 -.938 100.530 205.640 2 -99.937 2 -196.199 199.680 399.841 2 -199.359 399.668 102.397 102.757 99.874 99.679 7 201.391 200,240 200,290 199,750 198,160 10.494 15.927 15.644 15.535 7 98.979 399.324 9.325

.04168 -.54763 -.99992

-.45315 -.4676 -.94595 -.95957

99.422 200.180 400.275

479.647 499.979 399.979

-.253

499.219

AEDC/VASZB6:14887  AETERENCE CATA  ORMO SQ.FT. XMRP = 1097.0000 IN. XT  .3000 INCHES YMRP = 00000 IN. XT  .3000 INCHES XMRP = 450.0000 IN. ZT  .0100  RUM NO. 3537 0 FN/L = -052.0000 IN. ZT  .0100  ACIL 420 - 054.00 19794 013  199.917 - 04350 .20208 0118  2 CN CA CLM  -100.970 - 04426 .19755 .010  2 D.Z CN CA CLM  -100.970 - 04426 .19755 .010  2 D.Z CN CA CLM  -100.970 - 04426 .19755 .010  2 CN CA CLM  -100.970 - 04426 .19755 .010  2 CN CA CLM  -100.970 - 04426 .19755 .010  2 CN CA CLM  -100.970 - 04426 .19755 .010  2 CN CA CLM  -100.970 - 04426 .19755 .010  2 CN CA CLM  -100.970 - 04426 .19755 .010  2 CN CA CLM  -100.970 - 04426 .19755 .010  2 CN CA CLM  -100.970 - 04426 .20764 .012  2 CN CA CLM  -100.970 - 04426 .20764 .012  2 CN CA CLM  -100.970 - 044461 .20767 .014  -100.990 - 044461 .20767 .014  -100.990 - 04466 .20116 .014  -100.990 - 04466 .20116 .014  -100.990 - 04466 .20116 .014  -100.990 - 04466 .20196 .014	CATE 25 HAY 75				1A87 T	TABT TABULATED SOURCE DATA	NIRCE DATA				PAGE	\$
### REFERENCE CATA  = 2690.0000 59.FT. XNRP = 1097.0000 IN. XT  = 1290.3000 INCMES YMRP =0000 IN. XT  = 1290.3000 INCMES ZMRP =0000 IN. XT    12.795				AEDC/VA528	1(1487) - OLE	T151-088/ET	V R/H SEB	SEPAR.		(RTU120)	( 93 001 74	_
### 1299.0000 50.FT. XMRP = 1097.0000 IN. XT		ERENCE CA!	2						PARA	PARMETRIC DATA	∢	
### 12690_00000 50.FT. XMRP = 1097_00001 IN. XT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_30001 IN. WT = 12690_3001 IN. WT = 12690	!							3	**	4.529 PTOTL		90.200
# 1259.3090 INCHES 7 PMF =CD0.01 IN. ZT		•		11 0000,7601				¥ A			**	10.900
12590 30000 100000   10000000000000000000000		_		1 0000 037				CALPHA	"		"	90
CN	G621	-		neno-ne-				×	žč.	390,095		
2 CN CA CLM -102.42004995 .19794 .01309205426 .19740 .018 99.91764350 .20208 .018 199.91002723 .20201 .0071 401.57004154 .20764 .019 2 0.2205129 .19948 .017 2 0.2205129 .19948 .017 2 0.2205129 .19948 .017 2 0.2205129 .19948 .017 2 0.2205129 .19948 .017 2 0.2205129 .19948 .017 2 0.40005930 .20481 .010 2 CN CA CLM -100.90005930 .20481 .016 290.165005925 .20764 .012 2 CN CA CLM -100.90003836 .20764 .017 2 CN CA CLM -100.90003836 .20767 .018 390.08003836 .20767 .018 2 CN CA CLM -100.09003836 .20767 .018 390.08003836 .20767 .018 390.08003836 .20767 .018 390.08003836 .20767 .018 390.08003836 .20767 .018 390.09004866 .20116 .018115404866 .20172 .018		_										
2 CN CA CUM 199.91005926 .19794 .01309205426 .19740 .018 199.91704350 .20201 .0701 401.57004154 .20764 .010 2 CN CA CUM -105.97004426 .19755 .010 2 .02205129 .19946 .017 2 .0205426 .19946 .017 2 .0205129 .19946 .017 2 .0 C CA -105.97004426 .19755 .010 2 .0 C CA -105.97005930 .20481 .010 2 CN CA -105.97005930 .20481 .010 2 CN CA -105.97005930 .20481 .010 2 CN CA -105.97005460 .20764 .027 2 CN CA -105.994 .027 2 CN CA -105.97005460 .20764 .027 2 CN CA -105.97005460 .20764 .027 2 CN CA -105.97004466 .20172 .014 199.997004466 .20172 .014 199.997004466 .20172 .014	1		3	3	3	5	Š	ಕ	CLTALF	DL TB TA	×	
092 05426 19740 118  99.917			04995	19794	.01376	36738	.09636	03978	.23910	96441	399,11090	
2 CN CA CLM -109.91764350 -20208 -011 401.57004154 -20764 -510 2 CN CA CLM -100.97004426 -19755 -010 2 02205129 -19948 -017 2 02205129 -19948 -017 2 02205129 -19948 -017 2 02205129 -19948 -017 2 02305129 -19948 -017 2 CN CA CLM -100.97004605 -207674 -012 2 CN CA CLM -100.97003601 -207674 -012 2 CN CA CLM -100.97003601 -207674 -012 2 CN CA CLM -100.97003601 -207674 -012 2 CN CA CLM -100.97003601 -207674 -012 2 CN CA CLM -100.97003601 -20767 -014 2 CN CA CLM -100.97004606 -20176 -014 199.911004606 -20172 -014 199.917704608 -20796 -014			92750-	19749	.01829	36377	\$5965.	-,04090	.15200	90172	300,07000	
199,91002723 .20201 .0091 401,57004154 .20764 .515  2		716.66	54350	80202	.91185	-,36553	98660.	-,04097	.15191	00044	390.13998	
Z CN CA CLM -100,97004154 .20064 .010 Z CN CA CLM -100,97005426 .19755 .010 Z 02205129 .19946 .017 Z 023053930 .20481 .010 Z 039,76005465 .20255053 399,76005955 .20074 .010 Z CN CA CLM -100,97005950 .20481 .010 Z CN CA CLM -100,04005955 .20074 .012 Z CN CA CLM -100,04003857 0 RN/L = Z CN CA CLM -100,04003857 0 RN/L = Z CN CA CLM -100,11005277 .20106 .014 -104,11005277 .20106 .014 -104,04004486 .20116 .014 -104,04004488 .20106 .014		016.661	02723	.25201	.00076	36655	.10103	04231	.14833	.01188	399.96930	
Z CN CA CUM -100,97004426 .19755 .010 2.02205129 .19948 .017 2.02205129 .19948 .017 2.02205129 .19948 .017 2.02205129 .20481 .010 201,65005463 .20674 .012 29,76004635 .20674 .012 2 CN CA CUM -100,04005925 .20674 .027 299,21203861 .20764 .027 299,21203861 .20764 .027 299,21203861 .20764 .027 200,39603861 .20767 .014 2 CN CA CUM 200,39603861 .20767 .014 2 CN CA CUM -104,11005277 .20767 .014 -104,67004866 .20176 .014 -115404866 .20172 .014 -115404866 .20172 .014			04154	.20064	.91915	35974	.09687	03588	6696∵	.01850	299.95	
Z CN CA CLM -100,97004426 .19755 .5110 2.02205129 .19948 .017 201.650053930 .20481 .010 201.65005465 .202550513 299,76005465 .20255053 399,76004665 .20774 .012 Z CN CA CA -100,04003925 .20741 .021 399,04003925 .20741 .021 2 CN CA 200,04003661 .20764 .015 2 CN CA -105,04003661 .014 2 CN CA -105,0400												
2.02203129 .19948 .017 2.02203129 .19948 .017 2.02203930 .20481 .010 201.65004605 .20255033 399.76004605 .20774 .012 2 CN CA CLM -100.04003925 .20781 .072 99.21203861 .20764 .022 99.21203861 .20764 .022 200.39003861 .20764 .022 399.06703861 .20767 .014 2 CN CA CLM 2 CN CA CA CA CA CA CA CA CA CA CA CA CA CA		•	2	2	Ĭ	Ď	3	B)	CLTALF	CL 78 TA	×	
2.02.205129		920	- D4426	19755	19010	36352	\$6960°	34197	. 17ASA	-,00169	299,90000	
299, 760		600.6	02150	8 7 6 6 1	41712	36751	10005	04056	.06497	.06634	390,000/0	
299, 76002242 . 20255003 399, 76004695 . 20074 . 012  Z CN CA CA CUM -100,04905963 . 20041 . 021 200,04905963 . 20041 . 021 200,39003836 . 20072 . 031 390,06003836 . 20072 . 031 Z CN CA CA -100,11005277 . 20196 . 011 -100,09904466 . 20116 . 014 199,99004466 . 20116 . 014 199,99004466 . 20116 . 014		0.00	53930	.25481	.01971	36935	.19345	54072	.14761	.05493	300,01000	
299, 76054605 .20074 .012  RUN NO. 3557 0 FN/L =  2 CN CA CLM  -100,04005925 .20041 .021  200,39003661 .20072 .032  200,39003681 .20072 .032  200,39004941 .20067 .034  2 CN CA CLM  200,39004941 .20067 .034  2 CN CA CLM  -101,11005277 .20196 .034  100,09004466 .20116 .034  100,09004466 .20116 .034		703 FG	- 172242	.27255	-,05399	36572	1,10249	04301	.06868	.04814	350,07500	
Z CN CA CLM  -100.04005925 .20081 .021  -00.04005925 .20081 .021  200.19003861 .20340 .015  200.19003861 .20372 .035  390.0600385 .20372 .035  390.060034941 .20367 .014  -104.11005277 .20106 .014  -115404966 .20116 .014  100.09004466 .20172 .014  100.09004466 .20172 .014		399.760	94605	.27074	.51230	34883	\$1567.	43702	.15404	50951	390,06900	
Z CN CA CA CLM -100,04905925 .20781 .021 .0080565 .20349 .012 200,39003836 .20072 .033 398,08003836 .20072 .033 398,08004941 .20067 .014 -100,11005277 .20196 .014 -100,09904966 .20116 .014 100,0990486 .20172 .011					t 5.89							
200.04005925 .20081 .021 .00.00563 .20340 .015 200.3900361 .2057 .015 390.0600363 .2057 .015 390.06004941 .2057 .017 2 CN CA CA CA -100.11005277 .20106 .017 100.09004466 .20116 .014 100.09004460 .20172 .011		•	3	3	<b>x</b>	ځ	ž	<b>ච</b>	CLTALF	CL.TBTA	×	
70.60576320340018 99-21203661 .20264023 200.3960365120564023 396.0600494120567014 2		7	- 0592	PATO S	.72141	36083	.10271	-,03736	.12386	.02115		
99-212		600	19050	70340	51572	36962	10352	93796	.13005	931 78	00016.665	
ZPD.39603856 .20072 .033 398.06004941 .20067 .014 Z CN CA CA -100.11005277 .20106 .014 -115404966 .20116 .014 100.09004466 .20116 .014 100.09004466 .20106 .014	000		13861	7950.2	61750	-,35700	.19043	03962	.26312	41855	299,98000	
390.06704941 .20067 .014  RUN 10. 356/ 9 RN/L =  2 CN -100.11005277 .20106 .01715404966 .20116 .014 100.09904468 .20106 .014		100	03836	27005.	69200	35527	19660.	03975	.15626	05208		
EUN 10) 356/ 0 RN/L = CUN		396.060	54941	.20067	.61463	34627	00,760	93714	.20336	.078.85	306.15930	
2 CN CA -1901.11055277 .20106 . 13454966 .20116 . 190.09004488 .20178 .												
-190,119 -,5227 -,29106 -,134 -,04966 -,20116 -, 100,090 -,04469 -,26172	,	•	3	2	ž	Շ	Č	é	CLTALF	CL TB TA		
15404966 .20116 102.09004460 .20172 194.40004888 .2098		190.119	55277	20106	20710.	34651	.09400	93651	.14903	01191	• •	
100.09004460 .20172		154	9666	20116	.51491	34632	19424	63714	.15543	05517		
194,900 114848 .20598		100.090	94469	27172.	96010	34723	28460.	63904	.13475	9,195		
		199.900	74888	96552	.91497	34588	.9367	03776	.13159	172839		
399.650		399.620	26550	12102.	.01559	34539	.09343	03716	.15219	97939	299.96000	

AEDC/VAS28 (1AC7) -OLETISI-ORB/ET W R/H SRB SEPAR.

(RTU121) ( 03 OCT 74 ) PAGE 199

	REFERENCE DATA	4						PAA	PARAMETRIC DATA	ATA	
SREF = 2690 LREF = 1290	2690.0000 SQ.FT. 1290.3000 INCHES	XMAP	1897,8888 IN.	IN. XT			<b>1</b> 4	MACH II	4.520 P	PTOTL =	90.200
BREF = 1290 SCALE =	1290.3000 INCHES .0100	ZMRP =	450				ľő×	33			
		RUN NO.	3657 O RN	RN/L = 5.88	_						
٠	~	3	3	*10	Շ	ž	é		O 18 TA	×	
9.626	-98.597	15901	.19579	.02016	36195	39125	93776	5.08160	035.55	č	Ξ
9.031	360.5	75R72	.19843	.02188	35611	.09216	63800	5.06030	67770.		<b>.</b>
19.540	94,780	04018	.20391	400104	36915	50880°.	54153	5.14939	56700 -		(E)
19.441	199,740	<u>064€u*−</u>	.20232	797767	35822	£6960°	03981	5.14350	08800 -		5
9.456	անն՝ Նա	54466	.20076	.01161	34788	.99514	93799	5.07590	12610.		8
		RUN NO.	3597 D RN/L	راد 5.95							
٠	~	Š	3	3	ځ	ž	ē	<u>.</u>	ć.	,	
102,430	-151,915	5366	.19781	98216	36523	88860	103065	2120	2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C	Ē	9
152.439	-2.613	-,15466	26/4/35	11945	-,36392	16461	- 03843	1.6313.0 5.73580.7	76.570		<b>.</b> 9
1001, 7001	94,456	-17.3565	.2:512	.00738	35344	117.42	- 54582	5.16277	Service.		: ş
100.690	139,880	03522	25149	17547	35983	¥9680°	G4999	5.14300	4694		· (2
100,580	369.665	-,04816	GWT-172	09810	34695	.59444	97357	\$.14220	(7/374		۶
	ų	RUN NO. 3	3587 G RN/L	'L = 5.89							
•	~	ž	3	30	ბ	Š	é	Z.	41 at 12	>	
500°649	-176.296	55697	.25139	<b>₽</b> 2610.	35935	.15142	03642	5.16180	01040	¥.	5
Sec. 350	034	549A6	.27331	: 525	35799	.19116	43751	5.17630	701707-		<b>-</b>
2 P. C. P. P. P. P. P. P. P. P. P. P. P. P. P.	191.395	1.13894	.24245	.00715	35522	08660.	43962	5.09030	00115	299,97000	· ⊊
199.51	205.315	1.4616	Section 2.	60210	35251	11760.	03768	5.09820	. 124.93	299,92000	S
525.32	399.694	05083	5.114	.01553	34590	.09352	03720	5.15959	£19ca*+	300.04600	£
	er er	RUN NO. S	3577 S ANE	£ = 5.88							
•	~	ટ	3	*7	č	Š	é	0. T.≱. ₹.	AT ST	>	
399.890		5213	. 2004A	.01654	34595	.09353	03647	5.17670	.03374	399.21959	\$
400.240		17610	67102.	.51479	34694	.09438	93732	5.15060	- 050.47	300,54070	· 5
4791.347	99.963	74518	.20135	.51129	34653	.99449	03892	5.15130	.03244	300,06000	2
477.527	199.670	13rie6	651621	.51547	34570	.09345	93717	5.15620	.01858	300.19720	2
400,195	399.945	05062	.20146	.01547	34626	.09363	63724	5.14299	. 97219	399,54979	. 5

DATE 29 HAY 75

REFERENCE MATA

IABY TABULATED SOURCE DATA

PAGE 151

(RTU122) ( 93 OCT 74

99.**2**09 10.909 100.009 0 0 0 PTOTL BETA CBETA PARAMETRIC DATA 4.520 -.500 5.200 5.200 . . . . . MACH ALPHA CALPHA X AEDC/VAS28 (IA87) -CAETISI-CRB/ET W R/M SRB SEPAR. = 1597.0900 IN. XT = .0000 IN. YT = 455.0000 IN. ZI

RN7 = 5.88 RUN NO. 361/ 9

7 MAP 2 MAP 2 X CX

= 2690.0000 50.FT. = 1290.3000 INCHES LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100

-.93366 DLTBTA .00426 .00543 .01602 -.01637 5.14790 5.13640 5.14070 5.13970 5.22539 CBL -.03584 -.03638 -.03865 -.04045 CYN .DRO64 .D7911 .DRRD4 .59799 -.34732 -.35518 -.36448 -.35174 CY -.35767 RWL = 5.87 CLM .02206 .02319 .02331 .01302 .19795 .20249 RUN NO. 3627 II CN -.06134 -.06015 -.94263 -.04599 76087 199.820 397.649 .124 100,060 15.953 9.967 19.465 10.001

.03334 .13338

-.09764

x -.11833 -.16006

.06024 .03561

-.91657

DLTBTA .90702 -.03236 -.00942 -.00711

5.13550 5.08620 5.14540 5.14120 5.15150

CBL -.03507 -.03910 -.04025 -.05690

CYN .08570 .06947 .09390 .09701

.11286 .25377 .21222 .24799

01.00974 -.02729 -.04935 -.08964

5.18870 5.17650 5.14310 5.14115 5.17360

CBL -.03637 -.03843 -.03818 -.03899

CYN .09549 .09428 .09556 .09708

CY -,34949 -,35182 -,35241 -,35341

x .11161

CY -.34821 -.35937 -.35250 -.35:72 CLM .02624 .02070 .013923 .19842 .20057 .20226 .20366 .20138 CN -.06617 -.05668 -.54913 -.04957 -.04611 99.713 199.749 399.819 2 -99.891 1.797 7 190.410 191.520 100.620 190.600

RN/L = 5.87 .01609 .0075**6** .01293 CLM :/?215? CA .19819 .21249 .21317 .2/1743 RUN NO. 3637 S CN -.55942 -.55512 -.03867 2 -191.1099 200,506 399,180 -.844 7 200.030 200.970 201.920 203.320

THY = 5.87 364/ 0 ĞN SO

-21112

-,74665

-.35966 -.35693 -.35371 -.35371 CLN .01749 .01695 .01245 .00918 .01548 CA .20205 .20145 .20192 .20179 .20097 -.05358 -.05263 -.04640 -.04238 -.05075 3 2 -170.279 199.899 399.990 -.292 **35**.934 400.620 399.710 401.290 407.345 497.47

-.02512 .21661 .54575 .14582

DLTBTA -.00849 .01213 -.01685 -.00470 -.05044

5.15160 5.15160 5.15220 5.14270 5.12700

CBL -.03730 -.03672 -.03753 -.03713

CYN .10316 .10118 .09879 .09760

X .93651

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OF POOR QUALITY

3) ( 93 OCT 74 )
. (470123
VASSB (IABT) -OIETISI-ORBZET W RAH SRB SEPAR,

21 ±												
BREF # 129 SCALE =	1290.3000 INCHES 1290.3000 INCHES 12100.3100		1097,0000 IN. XT .0000 IN. YT 450,0000 IN. ZT	k			₹₹Ö×	MACH HALPHA HA HALPHA HALPHA HALPHA HALPHA HALPHA HALPHA H	4.520 PTOTL 500 BETA -4.900 DBETA .000	PTOTL = BETA = CBETA =	99, <b>20</b> 0 10,900 ,000	
,	•	ġ		RN/L = 5.87		•	;	1				
19.013	99.477	-,55084	.20764	.61543	37412	.09252	CBL 04205	CLTALF -4.83539	CLTBTA 2015/02	. 05280 05280	S83	
11.903	399.660	54929 53749	.2015 <b>2</b> 20135.	.01126	36482	.10123	-, 54313 -, 53668	4.83350	01379	16152	152	
		N 40.	367/ 0 RN/L	L = 5.87								
<b>&gt;</b>	~	ટ	5	Z.	Շ	ξ	é	(A)	2 181	×		
100.335		54495	102021	.01185	36519	2696ü*	54348	-4.85950	-,00500	+.51 <b>8</b> 01	<b>9</b> ⊓1	
105.000	199.	03396	.20541	.00479	37054	.15395	94256	-4.7897J	06655	8	.26447	
107.689	401.750	04495	.21116	.01332	35811	17660.	136A9	-4.90730	02316	Ĉ.	.07647	
		RGN NO.	3657 S RNZ	1 = 5.68								
<b>&gt;</b>	~	3	S	3	გ	ž	ĕ	SLTALF	2,78TA	×		
PDD. 620	100.050	54632	.20520	.01344	36073	110027	04084	-4.85A30	80800 ·	94090	640	
800,049		03747	.20436	969601	36289	.10211	04119	-4.89620	00:46	158931	931	
008.891	400.230	04568	.20127	.01293	35556	91660	03679	-4.88:85	04318	23749	245	
		RON NO. 30	3657 S RN/L	5.87								
	2	3	3		Շ	Š	GB.	BLTALF	CLTB T.A.	×		
404.390		0479B	.20224	.71359	35947	.19346	03867	-4.86500	99800	.02053	153	
4771.589		6:664	022021	. 17693	35653	17.39	03950	-4.86550	93.409	.01065	.65	
170,071	450.130	54995	.217127	.31483	34750	.79456	43717	-4.85669	PAS:0.	1,1763	.63	

1

PARAMETRIC DATA

# AEDC/VASZB (1A87) -OLETISI -ORB/ET W R/M SRB SEPAR.

REFERENCE DATA

F	ALPHA	CALPHA 3	 ×
X	¥	<b>1</b> 2	
Ĭ.	Ĭ.	Z	
1097.9090	TY NI GOOD IN. YT	ZNEP # 450.9000 IN. ZT	
	#		
A N	¥	Ž,	
S.FT.	THCHES	INCHES	
2699.0000	1290.3000	DREF # 1290.3000 INCHES	0010.
	*		•
þ		MC	SCALE

003.09 10.900 10.000

PTOTL = BETA = CBETA =

4.820 -.500 -4.900 300.000

## RUN NO. 3697 S RN/L = 5.87

				•						
<b>&gt;</b>	~	3	3	ð	Շ	Š	ਵੱ	DLTALF	CLTBTA	×
107.11	110.0	03778	.20300	11100.	37439	17256	04316	-4.85410	05635	299.05000
9.771	199.640	026437	250452	00303	362'13	10066	04456	-4.85390	\$161G.	299,96000
11.362	402.340	03722	.20103	.93627	35805	110084	03663	-4.94499	05260	• 0.16000
		RUN NO. 3	3707 G RN	RNA = 5.87						
•	~	3	5	ř	ઠ	ξ	ಕ	OLTALF	CL TB TA	×
102.300	\$6.572	93713	.2942&	.00762	376:3	1,0633	14277	-4.82680	06823	299.69000
97.965	200.360	01496	.20470	00755	37434	.19712	94482	-4.81920	.09723	350,00000
100,750	399.640	94439	90102	.01130	35238	.09769	26980'-	-4.84989	01396	299,99000
		#G 160.3	3717 G RW	RN/L = 5.87						
<b>&gt;</b>	~	3	3	3	ځ	Š	ಕ	SLTALF	SLTBTA	
27.77	100,650	03639	.20458	K+8145*	36180	.19380	04089	-4.91370	99194	350.12000
200.100	199.760	03179	.25212	08 7.	35994	.1.223	-,04159	-4.79690	-, 1972.25	
200.370	002.788	04757	.29979	P251	3486	19867	53705	-4.76515	51653	
		KUN NO. 31	372/ O THA	ሊ። 5.87						
>	~	3	3	CLW	ځ	š	ម	DLTALF	OLTB TA	×
690.660	99.8	04390	29115.	.01054	-, 34876	09860	03906	-4.86070	51082	300.03000
E 1.10	199.845	04456	20109	.01071	-,34665	75760	53918	-4.86430	05519	299.98000
470.419	394.617	05082	7511.2	.01553	34569	99346	43716	-4.84490	01636	3141, 02000

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(RTU125) ( 93 OCT 74 )

# AEDC/VAS28 (IABT) -OLETISI-ORB/ET W R/M SRB SEPAR.

		REFERENCE CATA	4 . 4										
SALF : BREF : SCALE :	00-10* 0000**0621 0000**0621	9000 50.FT. 3000 INCMES 3000 INCMES 01:10	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1997, 9900, 1N, KT ,0000, 1N, YT 450, 0000, 1N, ZT	## K # # K			MACH ALPHA CALFHA X	# # # # # # # # # # # # # # # # # # #	605 605 7.500.	PTOTL RETA CBETA	90 4	90,200 10,900 -4,000
			RUN NO. 3757 G		RN/L = 5.67								
_	<b>1</b> -	~	3	3	<b>*</b>	S	Š	ฮ์	DLTALF	DL TB TA	_ ₹	×	
-	120.320	-179.159	04512	.19820	11944	36919	.09542	03875	.16:14	2610011-	•	.13806	
61	190.001	010	05136	19957	. 61588	36943	78960	03869	.15562	-4.07699	·	.09303	
1	179.690	168.66	94927	6:60:	.916%	37122	08560	74949	.15367	-4.00545	•	54407	
ř	99.978	199.970	95687	1981.2	56100	36625	.1.255	04947	14593	-3.99319		11361	
Š.	171.667	491.429	74569	.2015:	.71368	35378	38210	03689	.09210	-4.17199	Ç.	.16878	
•		•	FUR NO. 3	STAT O RNZ	તે. કે. <b>લક</b>	3	3	ą	tu Š Č	\$ \$ \$	:	,	
Š	- 6			. 990 .	KSW:	16726	1346F	944	1.50	0.4 9.60 . 7-	· £	r4276	
Ž	200 670	924 1-	66.65.	C. K. K.	151631	1,36214	1200	0.0000	22553	0660.4-		P#101.	
Ä	5.17.67.7	190.050	4194	.2014	.01251	36262	10118	03905	114745	-4,7213		.17871	
6.	199.427	27.1.475	SAET	50.00	919.4.	35919	11997	-,03979	.º76574	07 / 18 P	·	: H225	
ě	196.55%	399.425	-, 94573	.20139	.11275	3527R	04267	+, <sup>17</sup> 3688	.14764	-3.94370	•	17391	
			RUN NO. 3	3737 G ENZ	RN/L = 5.RA								
_		~	3	5	3	გ	ž	<b>ච</b>	DLTALF	Cl. TB TA		×	
	399.640	-99.771	05442	24512	-118.44	36449	.17653	13886	.13122	-3.96169		08819	
19	399.160	606.1	5187	A . 51.5.	. 41643	36:56	.15440	03769	.19381	-3.99970		-,76596	
4.19	666.639	93.756	94677	.20191	.5:278	35719	.15116	03761	.14437	-4 (VIS R)		.61833	
<b>₹</b>	100,000	200.170	4308B.+	46162	.07732	35530	17476	P4680	.15855	-3.986 [1]		07/173	
	000	236 377	60.30	* a.7.16	9 4 9 4 0	* ( 6 . 2	00000				:	00000	

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# AEDC/VASZB(IAB7)-OLETIS1-CRB/ET W R/M SRB SEPAR.

(RTU126) ( 03 OCT 74 )

PARAMETRIC CATA  MACH = 4.5£0 PTOTI  ALPHA = .500 CBETA  X = 370.020
REFERENCE DATA  SAET E 2680.0000 S0.FT. XMMP = 1097.0000 IN. XT  LREF E 1290.3000 INCHES YMMP = .0000 IN. YT  BREF E 1290.3000 INCHES ZMMP E 450.0000 IN. ZT  SCALE E

>	~	z	5	<u>۳</u>	ځ	ž	ಕ	CLTALF	CL TB TA	
100.449	-100.179	03450	.25059	.06378	37879	.10334	04283	.14789	-3.99130	299.91000
179,619	3%	94778	.19659	.51419	37928	.19515	54138	.16344	-4.01749	
10.01	191.429	94915	20395	.01196	37798	.19713	-, 04034	.11741	-3.93630	299.92000
2.61	6.7.10.2	71935	78502.	90530	36959	17801.	94321	09860	-3.93210	299.910/00
199.759	399.760	04543	.20196	,0120k	34928	28860.	03703	.15831	-4.01770	300,000/0
		RUN NO. 3	377/ S ENVL	r. 5.87						
۰	~	3	5	ð	ځ	Š	ಕ	C), TALF	CL TB TA	×
23.16T	-101.170	62070'-	60202	.01256	36665	1,0602	04054	.16594	-4.02780	300.12000
COS. 202	. 243	94611	.20313	.61239	36625	.19509	-,03874	10214	-4.03759	300.13900
272.749	99.550	93763	£1072.	130656	36156	.1/256	03960	.17614	-4.57295	300.21000
293.999	199.600	03A59	.20784	.07614	35635	133364	03958	.20063	-4.06219	300,09070
270.330	396.340	54911	.25190	.61429	34713	.09436	03714	.19923	-3.97155	300,020,000
		RUN NO. 3	378/ G RW	RN/L = 5.88						
•	~	3	3	¥	ઠ	£	ಕ	SLTALF	CL TB TA	×
470.770	-100.130	05190	.20077	.01643	34869	99396	93790	.14624	-4.01545	299.94000
497 139	411	54912	.2/156	51442	34860	.9549	93727	.17453	-3.94160	299.97000
499.450	\$67.6	2484	.20158	.01545	34832	.09551	03909	.17858	-4.06659	300.05000
470.560	199.670	54920	69002	.01415	34567	.09358	43776	.14393	-4.000.80	299.99200
420.150	399.720		.29135	-61552	34588	58866.	03718	15667	-4.05049	299.94777

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(RTU127) ( 93 OCT 74 )

PARAMETRIC DATA

AEDC/VA528 (1A87) -OLETISI-ORB/ET W R/M SRB SEPAR.

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99.209 10.900 -4.970												
8 4 7	X 399,91000 309,96990	299, 47000 3.00, 61000 299, 93000	×	300.61000	299.86000	299.75000 299.82000	:	696.95060	305.17000	399,06999	355.19556	309,62000
PTOTL BETA CBETA			<									
4.520 F 500 E 5.200 C	DLTB1A -3.99570 -3.99270	-3,99820 -3, <u>99580</u> -4,68369	ઈ∟TBTA	-4.00089 -4.00390	-3.97519	-3.93940 -3.89570		CL 18 1.4	-3.95855	-4.51579	-4.51985	-4,00659
	5.15199 5.15299 5.15259	5.15030 5.14680 5.08670	CLTALF	5.16589	5.11385	5.08500 5.13196	,	5.11860	5.18650	5.13789	5.14690	5.14925
MACH ALPHA DALPHA X	CBL -,54043 -,53829	94972 94911 93714	СВL	03714	-,03957	03736		787 - 03674	03727	53902	03727	53721
	CYN .19133	.10273 .10017 .09460	Š	19497	10078	.09812		CYN	.09544	.09492	.09356	.09359
	CY 37744 37288	36920 36254 34762	Շ	36603	35811	35363		7470£	34825	34746	34599	34697
4. XT 4. YT 4. ZT 5.37	CLM .01338 .02998	.99326	. = 5.87 CLM	.01827	.00635	.61272		CLM 64 500	.91425	.01583	.01550	.01552
1097.0k.00 IN. .0000 IN. 450.0000 IN. 817.5. RM/L =	CA .19718 .19947	.29477 .29237 .20127	3807 () RNZL	215	.2027	.25128	3797 G RN/L	CA 2006	.29116	.29118	.20115	.25146
XMRP = ZMRP CN 54750 05451	-,53491 -,53257 -,54772	AGE: NO. 36	05481	03744	-,64669	RUN NO. 37	z d	04891	04457	95975	P.95080	
DDDD SG.FT. JDDD INCHES JDDD INCHES JDDD INCHES	2 -99.921		^	-196,355	36.191	200,700 395,610		2 2	-976	195.159	139.950	399.915
SREF = 2690,0000 LREF = 1290,3000 BNEF = 1290,3000 SCALE = ,0100	Y 100.510 100.200	100.080 101.920	,	200.490		198.730 197.665		)- (	196.960	400.890	491.469	495.519

### 1ABT TABULATED SOURCE DATA

PAGE 197

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(RTU128) ( 03 OCT 74 )

	95.200 10.900 -4.000				<b>.</b>	٠.	_	or.			<b>*</b>	0	æ	_	on.				_	Į.	I.C	
			× ,		61.672		90183	.93588		×	.54585	.93280	.19009	. 19243	.13139		×	04407	04154	.03333	91283	
¥	PTOTL : BETA : CBETA :																	•	•			
PARAMETRIC DATA			DLTBTA	0.016	-4.91519		-4,91979	-4 .009 50		CLTBTA	-3.99320	-3.99990	-4,05450	-4.00610	-3.92270		CLTB1A	-4.00940	-4.04069	-4.01439	-3.99860	
AMETR	4.520 500 5.200		۵,	;	4	,	4	4		0	4	'n	4	,	ņ		O	7	Ť	7	ņ	
PA			CLTALF	0.1/820	5.97399	0.1024.0	5.14280	5.14689		CLTALF	5.16589	5.22430	.16190	.13985	.20920		CLTALF	5.14665	12769	5.15870	5.15353	
	- <del>4                                   </del>		ದ ;		n 1	·.	'n	5		ದ		5.	, ,	80	ις.		ជ		5	5	5	
	MACH ALPHA CALPHA X		ş	523	S 8		701	969			999	352	365	96	969			784	712	692	708	
			ē ;	93623	03790	1.600	04097	03696		e E	03668	03852	03865	96650'-	03696		ಕ	.03	93712	03760	103907	
			CYN	66060	.08821	26535	8976".	69960*		Š	19491	07760.	50860.	.93724	78960		Š	.19468	17271	£7990.	58860	
			ზ	36464	35861	36035	35713	-,35152		Ç	35823	80655	-,35723	35461	-,35029		Շ	-,36235	35964	35556	35268	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	* * * *	5.87	5	.02158	.02072	01686	90901	91333	5.87	<b>X</b>	15010	01684	01389	00753	.01204	5.88	X	71694	71594	11186	1,1851	
	z z z	RNV', #	ี	•	Ģ	Ģ	€.	C.	ا) نې	ď	٠,		-:	۲.		ہے ہے	Ū			_		•
	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	362/ 0 RN/	5	.19630	19651	.20167	.29458	.20162	3637 0 RN/L	5	2000	20105	20195	.20384	.25133	3847 () RN/L	5	20246	06204	20179	20144	
	<b>→</b>			•	€0	0	4	- +4				. •	. «	ω •	6			-	ro	• •	. a	
⋖	XMRP YMRP ZMRP	NO.	3	06104	05648	04940	03844	04691	RUN NO.	Z	- 68877	05124	- 04678	93816	04640	Š.	2	104244	04110	C4847	00100 T	
REFERENCE DATA	MONES NCHES	•		310	1.896	99.620	660	73.9	•		200	976	14.0	199,790	359.320	•		020	284		10.66	700
EFERE	. 3000 1 . 3000 1 . 3000 1		7	-100.310	-	-66	90	399		^	200	7	. 8	8	333		•	7		8	8	,
₩.	2690,0000 98.FT. 1290,3000 INCHES 1290,3000 INCHES			97.842	340	550	5	619			9			5 5	780							;
	<b>n</b> n n n		>	9.	109.349	199.550	200	100.610		,	- 8		900	200	198.790		•	- 679		000		
	SREF LREF BREF SCALE																					

			AEDC/VASS8(IA87)-OIETISI-ORB/ET W R/H SRB SEFAR.			(RTU129) ( 03 OCT 74 )	~	2 8	. 72 1	
REFERENCE DATA	٠				o.	PARAMETRIC DATA	DATA			
.0000 \$8.FT.	X X AN AN AN AN AN AN AN AN AN AN AN AN AN	H M	.0000 50.FT. XM4P = 109".0000 IN. XT	MACH		MACH = 4.520 PTOTL = 90.200 ALPHA =500 BETA = 10.900	PTOTL BETA	10 10	90.200 10.900	
	4									

2690.	2690.0000 SQ.FT.	K X	= 1597,0000 IN. XT	.0000 IN. XT			O T		4.529 P	10T	302°06 =
BREF = 1290.3505 1	= 1290.3505 INCHES		450.0000 IN. 27	<u> </u>			F 176	ALPHA : CALPHA : .		SETA	10.900
•	4100						×	ir)			
		RUN NO. 388/ D		RN/L = 5.87							
_	~	Š	3	¢T5	Ç	ع ک	ਵੱ	CLTALF		<	×
191,679	04.595	-,03668	.20352	.00745	3A717	.11123	94241	-4.83469		390	399, 96999
97.912	201.010	91121	.29449	60600*-	38205	57011.	04505	-4.85179	-3.93140	662 0	299.91000
044,00	399.570	04316	.20156	.91975	35273	16260.	03691	-4.83600			300,06000

( 93 OCT 74 )

(RTU130)

AEDC/VA528 (IA87) -OIETISI-ORB/ET W R/H SRB SEPAR.

1,

DLTBTA X -4.04680 300.16000 -4.07720 300.23000 -4.00630 299.98000

DLTALF -4.93170 -4.85150 -4.85360

CBL -.94158 -.94147 -.53757

.10714 .10376 .09604

CY -.36775 -.36267 -.34959

CLM .00180 .00008 .51287

CA .20438 .20157 .20089

CN -.03148 -.02984 -.04696

2 151.235 199.945 399.970

7 201.900 203.620 200.350

D SOURCE DATA	
1487 TABULATED SOURCE	
CATE 29 HAY 75	

FAGE 109

(RTU139) ( 03 OCT 74 )	PARAMETRIC DATA
AEDC/VAS28 (IA87) -OIET1S1-ORB/ET W R/M SRB SEPAR.	
	REFERENCE DATA

%-CH = 4.520 PTOTL = 90.200 ALPHA = -,550 BETA = 10.900 DALPHA = -4,900 DBETA = -4,000 X = 300,000	CLTALF CLTBIA X 5 -4.85970 -4.01000 299.93000 5 -4.84120 -3.99930 300.05000 9 -4.85530 -4.00320 300.13000
•	CBL 03916 03933
	CYN .09661 .09467
	CY 34967 34741 34582
* * * *	RN/L = 5.87 CLM .00972 .01021
1097.0000 IN. XT .DOOD IN. YT 450.0000 IN. ZT	3907.0 RN/I CA .20173 .20087
XHRP = YMRP = ZMRP =	RUN NO. 3 CN 04286 04402
.0000 SQ.FT. .3000 INCHES .3000 INCHES	2 100.010 199.540 399.830
SAEF = 2690.0009 { LAEF = 1290.3009   BAEF = 1290.3009   SCALE = .0109	Y 400,550 400,550 400,660

	L = 90.200 = 10.900 A = -8.000
	11 11 11
CATA	PTOTL BETA SBETA
FARAMETRIC DATA	<b>4.520</b> 300 -206 .000
	" " " "
	MACH ALPHA PALPHA H X
	XMRP = 1997,0700 IN, XT YMRP = .0000 IN, YT ZMCP = 450,0000 IN, ZT
	6 6 6 H H H
<u> </u>	X X X
REFERENCE CATA	SREF = 2690.0000 SQ.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100
	11 11 11 11
	SRET LREF BREF SCALE

AEDC/VA528 (IA87) -OIETISI-CFB/ET W R/H SRB SEFAR.

(RTU131) ( 53 OCT 74 )

>	<b>#</b> i	3	5	CLW	Շ	Š	ē	Ci TAI F	7. 18.1.4 ▲1.8.1.4	×
200,669	-100.090	03016	.19938	00106	38991	.19716	54218	14887	-8.00710	-,12694
200.219	193	04715	.20190	.51345	38185	.19979	0397	.16615	-7.99370	22071
199.230	101.350	93725	.20398	.00749	37492	.19683	04036	10237	-7.98610	18945
250.635	200,000	03581	.27.321	.00693	36696	19421	63952	.14522	-8,01205	
200,840	399.910	04530	.23149	.91275	35393	2416ü.	03687	.15342	-8,00950	9D69D.
		RUN NO.	391/ 0 RN	RN/L = 5.87						
<b>&gt;</b>	2	3	ತ	Ť	Շ	Š	é	CLTALF	DLTBTA	×
401.239	-96.561	95256	.20363	.01689	36856	.19892	53988	.04878	-8.01669	.05472
399.460	595	04835	.20360	.01375	36444	.19571	53872	.17596	-7.91220	14916
399.650	98.892	04550	.29202	51210.	3693	.19318	03791	.19623	-7.92225	93842
471.239	200.370	93897	.25199	.05627	35727	19197	03953	13997	-8.99949	87671.
499,819	495.129	54941	.20095	.01455	34728	.09450	03713	.14194	-7.99330	.11368

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# AEDC/VA528 (IA87) -OIET1S1-OKB/ET W R/M SAB SEPAR.

RUM NO. 3937 D RF: 1 = 5.88  RUM NO. 3937 D RF: 1 = 5.88  RUM NO. 3937 D RF: 1 = 5.88  CA C(++ CY CYN CBL DLTAE DL	REFE	REFERENCE DATA	,					Š	•	PARAMETRIC BATA	DATA	09.20g
RUN NO. 3937 D RECT = 5.88  CN CN CN CN CN CN CN CN CN CN CN CN CN C	3000. 3000. 3000. 3000.	SQ.FT. INCHES INCHES		1097.0000 11 .0000 11 450.0000 1				ALPHA SALPI				10.900
CN CA CL-1 CY CYN CBL DLTALF OLTBTA X -104131 -201372 -00136 -27716 -11343 -04366 -22031 -7-56417 301-2130 -104131 -201372 -00311 -27716 -11343 -04366 -22031 -7-56417 301-2130 -103576 -201372 -00311 -27016 -110251 -03935 -14619 -7-59957 -7-1207 -103576 -201372 -00311 -27016 -110251 -03935 -14619 -7-59957 -7-1207 -10414 -20166 -01365 -34720 -03460 -03376 -13524 -8-13649 -7-03117 -10414 -20166 -01365 -34720 -03460 -03376 -13524 -8-13649 -7-03117 -10414 -20166 -01365 -34720 -03460 -03376 -13524 -8-13649 -7-03117 -10414 -20166 -01365 -34720 -03460 -03376 -13524 -8-13649 -7-03160 -03376 -03469 -13524 -8-13649 -13621 -7-6436 -03376 -03469 -13524 -8-13649 -13621 -7-6436 -03376 -03469 -13621 -7-6436 -13561 -13624 -8-13649 -13621 -13624 -8-13624		_										
03343	,		3	5	<del>ت</del> ت	Շ	Š	æ	<b>DLTALF</b>	CLTBT		
	•			1,000	90.00	17091	11343	- 7436A	19095	-7,9641		000
	7	11.405	040000	11202	00000	37710	01011	. n3933	15923	-8.5569		000
03545 - 231372 - 10331 - 103376 - 11933 - 11		0	101507	0.000	636000	00000	01111	70000	\$1751	F 2 1.7 5 3		283
03576 . 20737 . 0744236798 . 11251103938 . 14501313524 -8.73840 300.177004814 . 20766 . 0315534720 .0946003766 .13524 -8.73840 300.177004998 . 20101 .0150235553 .1071903804 .14477 -8.01120 299.930904747 . 20104 . 0131135573 .0973603342 .17566 -7.66730 299.930904747 . 20104 . 0131135573 .0973603745 .17566 -7.66730 299.930904229 . 20141 .0769034621 .0939503745 .17566 -7.66730 299.930904229 . 20141 .0769034621 .0939503742 .11774 -8.01120 299.930904229 . 20141 .0769034621 .0939503712 .11774 -8.03560 370.037005078 . 20143 .0155334540 .0933503712 .11774 -8.03560 370.037005078 . 20133 .0155334540 .0933503712 .11774 -8.03560 370.037005078 . 20133 .0155334540 .093953775 .11774 -8.0350 370.037004228 . 20133 .0155334540 .0930603712 .11774 -8.0350 370.037004229 . 20134 .0160437655 .1103503792 5.16170 -8.0370 390.09004239 . 20134 .20132 .00139734436 .1038303383 5.09460 -7.99709 .0930603241 5.12790 -8.02760 300.037004218 .20132 .00139734436 .1038303383 5.09460 -7.99709 .0930603241 5.12790 -8.02760 300.0370	•	99.880	73245	.25372	.05311	37.168	90761	10000	01401.	0000		500
FUN NO. 3947 0 RN/L = 5.88  CN	Σ ;	99.965	03576	.29037	.00442	36098	.15251	-,03938	.13624	-8.5384		000
CN CA CLM CY CYN CBL DLTALF DLTBTA X04996 .20101 .0150235365 .1001903904 .14477 -8.01120 299.930904747 .20141 .0150235365 .1001903914 .14477 -8.01120 299.930904747 .20141 .0150235573 .0973503745 .14297 -8.01120 299.960904747 .20141 .00394935673 .0973503745 .14297 -8.01120 299.960904747 .20144 .0153934621 .0939503712 .11704 -8.02860 300.030904826 .20149 .0153934621 .0939503712 .11704 -8.02860 300.030905078 .20133 .0153334640 .0933503712 .11704 -8.02860 300.030905078 .20133 .0153934641 M. KM SHB SEFAR.  KMCF = 1097.0000 IN, XT	₹	910.6	•	Š	5			?		•		
2 CN CA CLM CY CYN CBL DLTALF DLTBTA X -195, 0e0 -1.04966 .20101 .01502 -1.35365 .10019 -1.03604 .14477 -8.01120 299.9399 -1.335 -1.04747 .20141 .07945 -1.35514 .109766 -1.03745 .17566 -7.66730 299.95670 299.374 -1.04257 .20141 .07945 -1.35514 .10976 -1.03912 .14229 -8.09355 .301409 299.375 -1.04257 .20141 .07945 -1.35514 .10976 -1.03762 .11774 -8.03150 399.9670 299.375 -1.04257 .20144 .01553 -1.35514 .09976 -1.03762 .11774 -8.0356 3.070.0970 299.375 -1.04257 .20143 .01553 -1.35514 .09976 -1.03712 .11774 -8.0356 3.070.0970 299.375 -1.04257 .20133 .01553 -1.35514 .09956 -1.03712 .11774 -8.0326 3.070.0970 299.375 -1.05078 .01539 -1.35514 .09956 -1.03712 .11774 -8.0326 3.070.0970 299.375 -1.04274 -1.05078 3.0446 -1.35514 .11035 -1.03792 5.16170 -8.0370 390.04070 200.3970 INCHES ZMEP = 450.07070 IN. ZT					••							
04998 .20101 .0150235365 .1501903804 .14477 -8.01120 299.9509047470499804747049980371405073097350374517566 -7.96730 299.9650047470131135073097350374517566 -7.96730 299.96500704035014097060391214292 -8.00735 3.00.00000704034621093950371217154 -8.05920 3.00.00000207048260705204826070520482607052048260482760482604826048260482604826048260482760482604827604826048276048260482771404826048277140482604827714048260482771404826048277140482604826048277140482604827714048260482771404826048260482604826048260482604			ā	5	<b>1</b>	ځ	Š	<b>18</b> 5	CLTALF	CLTBT		
	• ;	ָ	00000	30404	04.502	34366	10010	-, 03804	.14477	-8.0112		900
	ï	080.0	D	10100	20010	70000	SEE OU	- C3746	17566	17 067.4		9
04237 .250141 .0034035514 .0976603912 .14592 -8.15030 3.01.0000004626 .20049 .0134934621 .0939503748 .10715 -8.056920 3.05.0200056078 .20133 .0155334624 .0939503742 .11704 -8.05860 3.05.0300036078 .10715 -8.056920 3.05.0300030078 .10715 -8.056920 3.05.03000300703000 10. XT		335	04747	.20104	.01391	35973	56760	01/01/	ouc.11.	4 E00 0		000
05076 .20133 .0155334621 .0395513785 .10715 -8.06920 300.020005076 .20133 .0155334540 .0933503712 .11704 -8.026920 300.0300 .03.0CT AME = 1097.0000 IN. XT ALPHA =500 3ETA = 2.000 IN. XT ALPHA =500 IN.	•	99.978	04236	.25141	7,19413	35514	95,65	03912	26231	CS120.9-		1,000
-,05078 .20133 .01553 -,34540 .09335 -,03712 .11704 -8.02860 300.0300 at a construction of the constructio	Ň	00.300	94826	.20149	.01349	34621	.09395	73785	.10715	-8.0692		505
AEDCYVASZB (TAR7) — OLETISI—DRB/ET W R/M SRB SEFAR. (RTU133) ( 03 OCT XMEP = 1097.0000 IN. XT	Ä	30,185	05078	.25133	.01553	34540	.09335	03712	.11794	-8.5286		95
XMEP = 1097,0000 IN. XT  YMEP = .0000 IN. YT  ZMEP = 455,000 IN. YT  ZMEP = 455,000 IN. YT  ZMEP = 455,000 IN. YT  ZMEP = 5.87  RUN NO. 396/ 0 RN/L = 5.87  CN				AEDC/VA52	6 (1487) -01	ET1S1-ORB/E	T K R/K SAB	SEFAR.		(RTU133)		
XMEP = 1097,0000 IN, XT  YMEP = 1097,0000 IN, YT  ZMEP = 450,0000 IN, ZT  ZMEP = 450,0000 IN, ZT  ZMEP = 450,0000 IN, ZT  ZMEP = 5,200  ZMEPA = -500  ZETA = -500	REF	ببو	<b>4</b>						FAR		ATA	
TWRF = .0000 IN. YT  ZMFP = 450.0000 IN. ZT  ZMFP = 450.0000 IN. ZT  ZMFP = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.200 DBETA = 5.20160 DETAIL STANDARD STANDAR	5	. FT		1.0007.7001				Đ	11			90,200
ZMRP = 455.0000 IN, ZT		INCHES		1 0000				Ŧ	,,			10,950
RUN NO. 396/ 9 RN/L = 5.87  CN CA CLM CY CYN CBL DLTALF DLTBTA  (N -,05169 .20304 .01604 -,37655 .11035 -,03792 5.16100 -8.00300  N -,05169 .20300 .01627 -,37411 .10860 -,03843 5.16709 -8.02760  N -,03344 .20322 .00397 -,36458 .103983 -,03983 5.09480 -7.97020  N -,04519 .20060 .44657 -,35535 .09908 -,03742 5.15990 -8.007700	.300	D INCHES		455.9999 1				EJ¥G ×				-6.000
CN CA CLM CY CYN CBL DLTALF DLTBTA05169 .20304 .0160437655 .1103503792 5.16100 -8.00300 .5505169 .203504 .0162737411 .1086003841 5.12790 -8.02760 .1003344 .20322 .0039736458 .10388303983 5.09480 -7.97020 .5504559 .20060 .0446535535 .0990803774 5.12590 -8.007700 .50000 .0446544657 .04374 5.12590 -8.007700												
1005169 .20304 .0160437655 .1103503792 5.16100 -8.00380 15042;8 .20300 .0102737411 .1086003841 5.12790 -8.02760 1003344 .20322 .0039736458 .1038303983 5.09480 -7.97020 1004509 .20580 .0115735535 .0990803742 5.15090 -8.00740			3	3	ž	Շ	Š	é	CLTALF	SL TB 1		
55042;8 .20300 .0102737411 .1086003841 5.12790 - 8.02760	-		03160	.20304	.91694	37655	.11035	03792	5.16199	-8.0039		000
70 - 03344 - 20322 - 00397 - 36456 - 10383 - 03383 5.09480 - 7.99026 - 03742 5.15090 - 8.00740 5.15090 - 8.00740 5.15090 - 8.00770	•		6.040.1	20306	72010	37411	.19869	(13841)	5.12795	-8.5276		0000
1003742 5.1509035535 .0990803742 5.150908.00700	•	2000	9776	CCLUC.	79800	36458	.15383	03983	5.09480	-7.9002		000
- 1		013.17	60970	3000	54457	15535	8066L	43742	5.15099	-8.9574		0000
	- 1	99.65	600000	00000	308.00	24644 -	22560	A1780	5.14390	. R. M.		900

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SAEF : LMEF : BAEF : SCALE :	499 499 499 491 491 491
	ORIGINAL PAGE I

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90.200 10.900 -6.000

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BETA CBETA

4.520 -.500 5.200 .000

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ALPHA ::

= 1097.0000 IN. XT = .0000 IN. YT = .450.0000 IN. ZT

Y MARP

SREF = 2690,0000 50,FT. LREF = 1290,3000 INCHES BAREF = 1290,3000 INCHES

9010

REFERENCE DATA

PTCT

PARAMETRIC CATA

.19590 .02414 .39882 .07347

DLTBTA -8,53425

-8,004.89

5.22199 5.15729 5.15729

-.03708

= 5.87

RNL

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-.03885

.10492 .10199 .10086 .09869

-.37662 -.37522 -.36451 -.35763 -.35079

CUM .91583 .91323 .91247 .90628

.2°315 .29234 .29364 .20149

-. 04505 -. 04366 -. 03563

-.204 96.930 199.740 399.180

2002 - 590 2002 - 500 2007 - 760 2007 - 760 2007 - 760

-. 14695

.19846

CN -.95293

-101.739

-8.08810 -8.06450 -7.94790

5.1441f1 5.1829f1

-.03981

.07845 -.02549 -.00762

5.15130 5.09490 5.13920 5.16880 5.17350

-.03922

.19425 .10110 .09976 .09376

-,35796 -.35502 -.34632

.01146 .00754 .01520

-.04462 -.03991 -.n5027

. 763 100.290 199.520 396.960

400.650 399.920 399.764

-.04955

-.05988

-190.159

499.639 491.749

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CBL -.03889 -.03760 -.03763

.15672

-.36636

CLM .01555

.25339 .25227 .29177

.01486

= 5.87

RN/

398/ 0

S NO.

-. 97179

OLTBTA -8.01560 -4.09050 -8.03170 -7.96200 -8.01500

OL TALF

(RTU134)

AEDC/VAS28 (IA87) - CIETISI - CRB/ET W R/H SRB SEPAR.

300.11000 300.02000 300.10000 299.93000

-7.94855 -7.99649 -8.03269 -8.00029

5.09280 5.19890 5.15270 5.10310 5.14320

-.03713

.09606 .09340 .09335

-.35559 -.34871 -.34554 -.34531

.91547

.20078

-.03998

31760.

CBL -.53744 -.93739

CY -.35239

.01483 .01347

CA .29957 .29126 .29994

-,04983 -,04790 -,04315 -,05063 -,5596

99.675 299.490 399.849

.030 .030 .550 .550

RN/L = 5.87

RUN NO. 395/ fl

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2 -99.315

-1.299

299.86000

CLTBTA -7.95/10

CATE 29 MAY 75

TABT TABULATED SOURCE DATA

AEDC/VAS28 (1A87) -OIETIS1-CRB/ET W R/H SRB SEPAR.

PARAMETRIC DATA

(RTU133) ( 53 OCT 74

99.290 19.990 -8.999

11 11 11

CBETA PTOTL BETA

4.529 -.509 5.209 390.009

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MACH ...
ALPHA ...
CALPHA ...

1997.0000 IN. XT .0000 IN. YT 455.0001 IN. ZF

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XMRP YMRP ZMRP

2690.0000 SQ.FT. 1290.3000 INCHES 1299.3000 INCHES

.9100

REFERENCE CATA

PAGE 111

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CATE 20 MAY 75

## (RTU135) ( 83 OCT 74 ) AEDC/VAS28 (1487) -OIETIS1-ORB/ET W R/H SRB SEPAR.

	REFERENCE DATA	MCE DA	₹			PARAMEIRIC CAIA	, CA.		
	SREF = 2690.0000 S	9.FT.	Q Q	н	1097.0000 IN. XT	MACH = 4.520	PTOTL	и	99.200
	LREF = 1290.3000 II	INCHES	YIERP	*	* .0000 IN. YI	ALPHA =500		14	10,90
	1299.3000 1	KCHES	ZMRP	**	450.0090 IN. ZT		CBETA	10	-8.50
*	6016					000° = x			

,	•	ā	3	3	2	2	Ē	F TAI F	AT 87.42	×
•	•	5	•	Ę	;	-	1			
299.389	99.856	73356	.25266	.00426	39259	07711.	04345	-4.84820	-8.00850	0062
196.635	250.850	72488	.29338	00131	38461	.11377	04195	-4.88260	-8.90319	11435
200.549	399.780	04434	.20565	.51244	35644	19661.	03675	-4.84570	-8.00255	.0244
		RUN NO.	3997 G RN	RN/L = 5.87						
<b>&gt;</b>	~	ટ	3	¥,	გ	Š	je Je	SLTALF	CL TB TA	×
499.579	176.98	54346	.20386	.01051	36490	.19645	03925	-4.86589	-7.96529	.0769
499.629	199.840	03687	.25225	. 17:3551	-,35999	.19272	03968	-4.84890	-8.002.80	.06420
490,259	456.195	04782	.20068	.71353	349112	.09589	-,03696	-4.86220	-7.99209	3686

REFERENCE DATA 90.0000 \$0.Ft. 3
SAEF = 2691.0000 50.FT. LREF = 1290.3000 INCHES BAEF = 1290.3000 INCHES

		9 8	4017.0 Rh	RHZL = 5.88						
•	~	ટ		ערי	Շ	Š	ĕ	CLTALF	CLTBTA	
203.350	101.640	72450	251425	191276	37819	.11275	04236	-4.88979	-8.05750	300.49900
211.310	199.916	1266Ω		-,00199	37!!26	.19837	04132	-4.85749	-8.01329	
201.539	490,97	-1,74614		.01235	34947	.09618	-,03692	-4.91290	-8.05920	
		3 3 3	4527 9 RN	RN/L = 5.88						
<b>&gt;</b>	~	ž	చ	3	Շ	Š	ਚੱ	DLTALF	OLTB TA	×
400.980	C00.05	04149	.20167	.00863	35144	71960.	03827	-4.85850	-8.01060	300.01000
309.000	198.660	04259	.20067	. mg	34830	.08861	0304E	-4.79950	-7.99640	299.7400
491.919	691. ngn	08084	.20139	. 31. <b>954</b>	34571	.09347	03716	-4.95275	-8.08630 -	307.2600

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DATE 20 MAY 75	_			1487	TABY TABULATED SOURCE DATA	OURCE DATA					P A GE	113
			AEDC/VAS	28 (1487) -01	AEDC/VAS28(1A87)-O1ET1S1-ORB/ET W L/M SRB SEPAR.	T W L/H SRB	SEPAR.		(RTU137.)		( 93 OCT 74	2
	REFERENCE DATA	17A						PAE	PARAMETRIC DATA	ATA		
2467 : 2690 1867 : 1290 1867 : 1290	2690.0000 86.FT. 1290.3000 INCHES 1290.3000 INCHES	X L	* 1007.5000 IN. X * .0000 IN. Y * 430.5506 IN. Z	IN. XT IN. ZT			MACH ALPHA X X		6.32. 602. 603.	PTOTL BETA CBETA		90.20 10.909 000.
		Se NO.	404/ D RN	RN/L = 5.86								
>	~	ž	3	¥.		Š	ਚ	DLTALF	CLTBTA	2	×	
-398.220	-120.445	04885		.51413	34459	.0255	03647	.16916	£.0	9	.092	φ
-300,020	584	03026		.01596	34590	.09329	03695	17271.		ă,	.1934	
-399.149	99 653	05965		.01548	34553	.09339	03713	15527	7,00	6	.18951	
-398.975	199.185	05953		.91545	34563	.0934B	93714	.17682	.0101	•	.213	•
-399.180	4/30,100	05048	.20134	.01544	3456A	19344	93715	.13743	9000	=	.240	•

.15451 .00878 .22328 .37706 .09166 .04159 .06972 .76712 .23005 .23613 .25727 -.0119# 5LT8TA -.00953 -.01320 -.04681 -.02670 -.01009 6LT8TA -.01640 .72254 -.00639 ..02251 .03417 .03417 .02017 .01096 -.03046 DLTALF .13435 .15983 .13359 .10125 0LTALF .12532 .11058 .12038 .12508 .13616 .12527 .12672 .12672 CBL -.03066 -.03671 -.03576 -.03563 CBL -.03420 -.03545 -.03494 -.03432 CBL -, G3196 -, G3493 -, G3538 -, G3538 CYN .07959 .06032 .76114 .06394 .09307 CYN 07715 .08023 .08131 .08153 CYN .07662 .08255 .08452 .08480 CY -.32092 -.31729 -.31934 -.32866 -.34314 CY -.29635 -.29942 -.30253 -.30759 -.33886 -.29109 -.30292 -.31786 -.31962 -.33996 .00552 .00536 .00536 .00552 CUM .00495 .01616 .01690 .00810 CCM .00379 .01175 .01147 .00932 ピアン RNT Ž CA .20318 .20268 .20237 .20118 .20118 CA .20210 .20210 .20212 .20189 .20347 CA .20312 .20215 .20224 .20169 4037.0 0 /904 G 1401 CN -.03932 -.03536 -.03517 -.03568 -.05053 CN -, 04919 -, 04205 -, 03606 -, 04521 CN -.04572 -.05044 -.03986 -.03304 ģ 9 3 RUN NO. 2 -100.150 -067 199.879 490.839 2 -100.210 -.203 99.239 159.890 399.900 . -100.235 .417 99.947 299,485 399,630 .063 196.530 -196.450 -197.970 -197.630 -96.546 -99.293 -96.614 -96.406 -39.757 -39.334 -39.102 -39.369 -39.360

DLTBTA X
-, 07762 SP0,12091
-, 07588 SP0,152037
-, 01217 SP0,16091
-, 03996 SP0,22000

DLTALF .13824 .67397 .67195 .13226

CBL -.93245 -.95847 -.03693 -.93C45 -.03682

CYN .08507 .08507 .08418 .08553

CY -.31684 -.32958 -.31814 -.32681

CCM 100448 101104 101039 101033

CA .20241 .20113 .20158 .20138

CN 1.03682 1.04644 1.04041 1.03982 1.46143

5 -195,979

101,260

- 88.568 - 86.578 - 88.571 - 89.285 - 87.78-

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# AEDC/VA528 (1A87) -OIETISI-ORB/ET W L/H SRB SEFAR.

SREF = 2690. LREF = 1290. BREF = 1290. SCALE = .	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES	7	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	*			MACH ALPHA CACCHA		4.520 PTOTL 500 BETA .200 DBETA		90.200 10.900 .000
		RUN NO. 4117 0	17 9 RN/L	5.87							
<b>&gt;</b>	~	Š	5	¥10	ć	CYN	CBL	DLTALF	D. TBTA	x 2000	
-398.904	-100.339	54882	.20144	.51495	34473	19864	03645	12251.	60.40.0	550.10000	
-398.555	.137	-,115425	.25126	505 10	-,34556	\$2860.	03693	13894	91713	300.000	
-397.639	109.295	7556A	.27:22	.51541	34557	.69333	53712	.12738	B4 200.1	3000 30000	
-397,375	299,975	-, 55594	.27:143	.01552	34574	.09342	13716	.12419	10.84	300 0000	
-398.680	405,380	+.05081	51152	.71348	34540	.19329	-,93715	.12223	94927	300,160.0	
		#GN 70.	4197 G RN/L	98.3 = 1							
,	^	č	•	¥	Ն	Š	ฮ์	CLIALF	C_TBTA	×	
	0.60 (3.41	4114	.29194	:68Cr.	33589	.08399	03492	14974	S1286.	399.19976	
	454	- 1422H	201333	\$ 8617.	33247	38547	-,53562	110127	.03373	394, 22577	
26. 16.1	# 0 d	2207	21.141	258141.	33325	7.6597	5349A	.13979	-10/5/05	300.23000	
00 v 00 v	267.64	2010 -	150.7	51915	33588	CAVAC.	13582	13512	A4 150.	300.18700	
-199.679	15.11.63	15034	1.27.146	.6:528	34522	112601	-,03714	.12886	6£e2.	3-70,13-77-3	
		. Ok. 30.	1/NB 0 /607	5,86							
,	•	ځ	4	3	Շ	Č	าลูว	OLTALF	CLIPPIA	*	
. 6	2 2 1 1 1 1 1 1 1	COMPLY.	(181)	157.637	32518	.08236	3382	19741	ne463	300.40.00	
986 907	-1.125	94757	.21148	51650	32649	38476	63532	.16799	Of 863	300.0300	
-98 227	989 BG	100,70	.20142	476.47	32769	0.5850	03562	.17826	03609	390,23930	
11.00	130.100	45.74.7.	.277,88	\$36.E.	33219	. A668	56385'-	.22197	1314	300.2000	
	OOL	95575	20,76	.61271	33945	5788J.	\$6360*-	.14663	-, 429.95	3.50.125006)	

TABY TABULATED SOURCE DATA

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90.200 10.900 (RTU139) ( 03 OCT 74 300,22000 300,39000 300,04000 399.14990 396.92980 FAGE 370.22500 299.97000 300.17000 350.26090 300.32000 200.13990 310.25933 396,19990 299.97000 299.94000 399,16990 300.17000 299,980,7 300.22000 355.94500 41 11 11 PTOTL BETA CBETA PARAMETRIC DATA .06469 .00,659 .00,629 .00,991 .01384 .00952 .03533 CL TB TA -.93939 CL TB TA .19276 .19276 -.02983 -. 52112 CLTBTA 16077. -. (YF975 1.4. CL TETA 56.85 4.520 -,599 5.299 390,000 0LTALF 5.1980 5.04220 5.10200 5.13970 5.14150 5.17149 5.17149 5.15739 5.17059 5.14199 5.14219 5.14219 5.14340 5.20240 5.14559 5.14069 5.09480 5.13220 5.13220 5.17720 5.14720 ................. MACH ...
ALPHA ...
CALPHA ... CBL -.03656 -.03719 -.03714 -.03711 -.03696 -.03619 -.03675 -.03692 CEL -.03560 -.93592 -.03647 -.03582 -.03627 -.03702 -.03633 CBL -.53587 CBL -.03534 AEDC/VASZB(IA87)-OIETISI-ORB/ET W L/M SRB SEPAR. .09281 .09335 .09341 .09340 CYN .08484 .08564 .08640 CYN . 18452 .08612 .08816 .09063 CYN .08454 .08723 .08653 .08675 .58832 .08572 -.34501 -.34574 -.34570 -.34570 CY -.33154 -.33243 -.3398 -.35685 -.32759 -.32964 -.33464 -.34064 ..32157 -.32373 -.32260 -.32982 -.33869 cr -.32796 RN/L = 5.86 5.8 18 18 18 CLM .919**22** .91519 .91153 .01543 .01547 .01545 .41543 CLM -51794 CLM :91196 .90975 .91976 .91126 .01437 .91541 (F) 83.8 .01093 .50951 11.67 61353 92210 = 1097,0000 IN. XT = .0000 IN. YT = 450 0000 IN. ZT \*\* Ę, RN/ 7 CA .20145 .20129 .20136 .20129 .20125 .20139 .29115 CA .29163 .25158 .03144 .20163 .20120 .20050 257.75 20131 .20/32 CA .2913A .2/11/53 RUN YO. 4157 9 412/ 5 4137 5 414/ 5 CN -.04945 -.05077 -.05058 -.05084 -.54288 -.54241 -.04208 CN -.04612 -.04367 -.0.862 -.040.6 -,542**26** -,54001 -.04511 -.05569 -.04556 -. 54329 -.04715 FUN NO. ġ für tö. KMRP YMRP ZMRP 3 ž REFERENCE DATA SAEF = 2680.0000 54.F7. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100 2 -100.390 135 99.616 199.080 399.790 96.523 199.569 399.720 199.799 199.799 477.947 96.387 198.417 399.467 2 -9.258 1.833 -.335 Z -99.283 -.244 -106.570 CATE 25 MAY 75 -399,330 -394,980 -599,570 -398,700 -199.100 -272.173 -198.20 -99.097 -96.698 -65.675 -69.104 -39.134 -40.367 -39.545 -36.500 -396.189 -198.790 -198.910 -36.974

TOUR FACE TO

(RTU149) ( 93 OCT 74 )

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	AL' LALIM L DAIA	<u> </u>									
SAEF = 2695. LREF = 1295. BREF = 1297.	2690,0000 50.FT. 1290,3000 INCHES 1290,3000 INCHES -6100	Y YEAR PROPERTY OF THE PROPERT	1997,0909 TN. .0999 TN. 450,0999 TN.	N. XT N. YT ZT ZT			MACH ALFHA CALPHA X	4 H H H H	4.520 F 500 B 5.200 C	FTOTL BETA CBETA	99.200 = 10.900 = 000.
		RUN NO. 419/ 0	197 S RN/L	L 5.86							
>		Z	5	T)	Ç	ž	ĕ	CLIALF	CLTBTA	2	×
-398.910	-100.399	04952	.20141	.01439	34516	.09286	-,03665	5.14369	00326	9.	.16599
180.160	316	95933	.20124	90310.	34562	9326	-,03699	5.12875	01799	6	.25753
-196.977	100,065	95974	.20124	.01545	34579	.09336	03712	5,:2439	-,90943	5	.12986
-398.575	199.975	05092	.20136	.01548	34588	.9345	53716	5.12850	02154	ĭ	.19579
-397.500	400.340	05078	.29146	.01546	34599	.09346	93717	5.11759	98768	æ,	.09263
		RUN NO.	418/ D RN/L	ר = 5.96							
>	^	3	ij	¥	Շ	Š	<b>ච</b>	CLTALF	DLTBTA	₹.	×
	3	- 041 ac	21.248	61015	12044	08080	03552	5.15259	03212	21	.20161
198.300	1.59. 4.1-	00111	2.7.744	584.47	31739	95080.	03559	5.15550	91643	5	.11384
90.00		2000	And a	1.627	32144	78175	03494	5,17190	.57418	8	5:525.
1004 504-	100	(a) #0 -	20067	S\$800.	33345	08640	3×3857	5.16890	57.575	ñ	11264
-197.729	394.781	95%	54.62	.51541	34545	19327	03712	5.16900	-,54218	<b>e</b> .	.17115
		A .CM MO.	4177 G RN/L	L 5.86							
٠	•	ž	3	7	გ	ځ	ĕ	CLTALF	CLT8TA	₹.	×
-98.531	-99.915	146A3	1325tr 5.	.01/369	29756	19670.	73459	5.19970	02367	24	.06314
646.86-	236	4597	.25191	.51199	30192	FR190	03626	5.11820	Att Pile.	4	.11551
-94.732	99.421	54136	76192.	.01132	-,30724	.08348	-, 3883	5.12335	01127	23	.31480
46.94	199.637	43591	01272.	. P.7881	31175	58273	03539	5.12675	00966	9.	66,450
-94.779	399.540	74A17	.20053	.01379	-,34295	.19125	737n4	5.14575	93721	2	.15734
		FUN NO. 4167 0	167 G RN/L	L = 5.86							
•	•	ž	₹	¥,	Շ	Š	ಕ	CLTALF	CL TB TA	4	*
-3A 421	190,190	554 A.R.	.20,246	.51241	29659	.08785	-,53454	5.11325	52915	. 21	04912
-10 726	. A.2.7	54723	86172.	10810.	30888	.98617	53676	5.97579	.01625	22	16751
-29.467	99.642	00480	6:12:13.	5:215.	31549	.58775	43718	52230	.51815	51	.91261
-56.133	197.034	03484	.25179	. O1 '314	31636	£8659	93578	5.20990	91452	%	69557
134 41	973 907	24444	640/52	.01169	-,33976	67885.	r3696	5.10360	90700	9	1 99A3

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(ATU141) ( 53 OCT 74 )

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# AEDC/VASZB (TAB?) -OLETISI-ORB/ET W L/H SRB SEPAR.

vector         1 cm         <		REFERENCE DATA	DATA						PAR	PARAMETRIC DATA	SATA	
Character   Char		.3990 1NCHE.	S F F F F F F F F F F F F F F F F F F F	1 0009, 1900 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N. XT N. 27			∄चेते∺			SETA SETA	000° = 002°00 = 0000°
2         CN         CA         CUM         CY         CN         CBL         DLTALF         DLTALF         DLTBLA           99.410        05042         -20123        01529        34540        09327        03706         -4.8340        0216           199.409        05070         -20123         .01542        34533        0373        03716         -4.8340        0256           199.409        05070        05071        01539        34533        0373        0371         -4.8340        0256           2         CN         CA         CUM         CY         CY         CM         DLTALF         DLTB1           2         CN         CA         CUM         CY         CY         CY         CM        0371        0578        0371        0371        0371        0371        0371        0371        0372        0371        0372        0371        0372        0371        0372        0372        0372        0372        0372        0372        0372        0372        0372        0372        0372        0372        0372        0372        0372        0372<					**							
199,499   -,0590   -,05012   -,01539   -,34539   -,03716   -4,83349   -,02526   -,0394   -,0391   -,	-396.740	2 8.43	CN 05942	\$3 10162:	CUM .01529	CY 34545	CYN .09327	CBL 03706	DLTALF -4.83410	CLTB1	<b>₹</b> %	х .90519
RUN NO. 421/ 0 FH/L = 3.66   CY	-346.540	199.400	05070	£2102.	.01542	34585	.09343	03716	-4.83349	.0252	ي و	.05434
Z         CN         CA         CLM         CY         CN         CDL DLTALF         DLTBTA           Z         CM         CA         CLM         CY         CYN         CBL         DLTALF         DLTBTA           99,026        03896        03896        03899        03599        03599        0909           199,440        03896        03896        03899        03899        03899        0909           199,440        03896        03899        03899        03899        03899        0909           199,440        03896        03899        03899        03899        03899        0909           199,440        03899        03899        03899        03899        03899        0909           2         CM         CM			PUN NO. 4:									
99.86303513 .20239 .0061131631 .0797903473 -4.8701001515 199.81003213 .20144 .0034932276 .0812003568 -4.8616000729 400.910 .0138434143 .0918903698 -4.9496005549055849 40.9109 .0427 0 RN/L = 5.86	٠	~	3	5	N TO	გ	ž	ే	CL TALF	0,118	•	×
### ### ### ### #### #### ############	-196.547	99.863	03515	6821.2	.05611	31631	64646.	93473	-4.87510	0151	·	2671n.
### RUN NO. 4227 0 RN/L = 5.86  #### STATE CA CLM CY CYN CEL BLTALF BLTBTA  ##################################	-196.669	199,610	03213	.19991	.00349	32276	.06120	03598	-4.86160 -4.94960	-,0072	<b>5</b> 5	30417
Z         CN         CA         CLM         CY         CYN         CEL         CLTALF         CLTBTA           99,028         -,03898         -,03898         -,03409         -,03409         -,09009         -,09009           199,840         -,03409         -,03409         -,03409         -,09009         -,09009           400,940         -,03691         -,04709         -,03409         -,09009         -,09009           400,970         -,03691         -,0470         -,02210         -,09009         -,09210           ACLM ND         CN         CN         CN         CN         CN         CN           ACLM ND         CA         CLM         CY         CYM         CM         CN           ACLM ND         CA         CLM         CY         CYM         CM         CN           ACLM ND         CA         CLM         CY         CYM         CM         CN           ACLM ND         CA         CLM         CYM         CM         CN         CN           ACLM ND         CA         CLM         CYM         CM         CN         CN           ACLM ND         CA         CLM         CM         CN         CN			RUN NO. 4		11							
99,02603899 .20219 .0071329607 .0788503409 -4.8808002218 199,84003486 .20159 .0070823894 .0785303499 -4.8808002218 400,97003691 .27812 .0181633294 .0785303499 -4.8808002219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03219 .03218 .03218 .03218 .03218 .03218 .03229 .03229 .03228 -4.88390 .02087 .03207 .03328 .03229 .03229 .03229 .03257 -4.8839003388	•	^	3	5	3 C	ځ	ž	ğ	2 14 5	5,181	₹	×
199,84003486 .20159 .0770823894 .0785303499 -4.8608002218 400.97003691 .27912 .0741633294 .0864103607 -4.90070 .03219 .03219 .040.800 .04237 0 .6472 .042218 .042218 .04281 .042818 .042818 .042818 .042818 .042818 .042818 .042818 .042818 .042818 .042818 .042818 .042818 .042818 .042818 .042818 .04282 .042	-96.538	\$2°.58	43896	61202	.96713	709621-	07840.	53495	-4.83993	0060		.06739
### ### ##############################	-94.466	199.840	03486	.20159	8.757.	23894	.07853	-,53499	-4.68DBD	1221		29600
EUN NO. 423/ () EN/L = 5.86  2 CN CA CLM CY CYN CBL DLTALF DLTBTA 1/71,04003937 .20216 .0475029996 .0612603524 -4.88790 .02067 199,67003120 .20173 .0778330127 .0615803524 -4.8779503601 399,74003173 .20765 .0951432292 .0826603577 -4.8654007334	-99.991	470.970	93891	S114.2.	9	33294	.00641	9807	-4,9957	.532.1	<u>e</u>	.12486
2 CN CA CLM CY CYN CBL DLTALF DLTBTA 1171,1060 -103937 .27216 .70250 -12996 .706126 -173363 -4.86390 .702067 1991,670 -173127 .706128 -173524 -4.87776 -173691 3991,740 -173173 .27765 .70518 -132292 .76266 -173577 -4.86540 -17338					14							
100,00003937 .20216 .0075029996 .0012603363 -4.00390 .02007 190,60003120 .20173 .0076330127 .0015603524 -4.0770003601 390,74003103 .20765 .0051632292 .0026603577 -4.665400338	•	~	3	3	¥7	Շ	ξ	ਵੱ	CLTALF	A TBT	₹	×
1991.60003120 .20173 .0076330127 .0615603524 -4.8770003601 .399.74003173 .27765 .061603292 .0626603577 -4.6654072338	-39.250	199,000	03937	31252	.95750	29996	32190	-,03363	-4.88390	Š.		.22.23
399,74003103 .2/7/25 .0051632292 .0426603577 -4.8654007338	-37.786	199,600	03120	.25173	.007883	30127	.58158	-,03524	-4.87795	536€		.05606
	-39.199	399.740	118113	.277.65	.00516	32292	J.8266	03577	-4,86540	033	_	.78411

(RTU142) ( 03 OCT 74 )

AEDC/VASSB(IABT)-OLETISI-OMB/ET W L/M SAB SEPAK.

		!								
304[E . 1890 1867 . 1890 1867 . 1890	2660,0000 56.FT. 1290,3900 14CHES 1290,3000 14CHES		1097.0000 IN. XT. 0000 IN. XT. 450.0000 IN. ZT. XI	X X X X X X X X X X X X X X X X X X X			र्बे रें हैं ×	* * * * * * * * * * * * * * * * * * *	4.3EG PTOT. 500 BETA -4.950 DBETA 300.000	00.200 = 770 0000 = 10.900 174 = .000
		RUN NO. 427/ 0		RH/L # 5.86						
Þ	~	3	3	ž	Շ	ž	ē	DLTALF	OL TB TA	×
-396.705	216.64	05064	.20118	.01543	34549	38860.	03711	-4.85790	-,00749	300.04000
-387.320	199.549	14680	.20127	.01547	34563	.09335	03712	-4.83930	06992	370.13900
-396.350	470.310	05584	.20125	.91546	3454	.09332	03711	-4.86419	03124	3.60.17090
		RUN NO. 4	426/ D RN/	RN/L = 5.86						
,	•	3	3	3	ځ	Z.	é	CLTALF	CL TB TA	×
	3	1000	9006	7777	-,33119	.06476	03473	-4.06823	(6923	399.21000
		06044	65002	ACM/C	13366	98625	03502	-4.86930	.72463	300.18075
-194.890	400,359	04962	60002	.01461	34322	0.9190	€.73798	-4.67300	.01373	300.31000
		RUN 10: 425/ 0	257 D RN/L	L = 5.86						
•	•	å	3	3	ځ	ž	ಕ	OCTALF	OL TO TA	×
- 4	27. (20.		17102	978.0	32326	.08284	03450	-4.8656D	03080	300,29000
		04754	2000	35755	32825	27.48.73	73513	-4.83690	.00467	300,09000
-96.229	599.540	04296	16661	48040	33567	.08799	03665	-4.84950	(3314	299.85000
		RUN NO.	4247 0 REVL	L = 5.86						
•	~	3	ತ	N)	5	ર્કે	ยี	SLTALF	AT87A	×
-37 35d	1.72.729	- 04:55	.29156	. 77935	31501	.00328	53502	-4.89920	06163	390.19900
-30.476	100 B	955EL-	.2111.9	12200	51921	.04261	3522	-4. ASARD	.05513	300.15070
-39.742	4.57, 1-09	03613	.20035	(FOR29	33320	.08672	F3646	-4.87447	.47567	3/10.23/1/10

1A87 TABULATED BOURCE DATA DATE EO MAY 75 (RTU143) ( 03 OCT 74 )

PARAMETRIC DATA

PAGE 119

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AEDC/VASEB (1A87) -OLETIS1-ONB/ET W L/M SAB SEPAR.

90.200 19.900 4.000 .02628 -.01014 .05449 x .01704 12361 .12336 -. 19127 -.03481 H 11 H CHETA PTOT 9ETA 3.98240 3.95840 3.94550 4.00570 3.94510 4.00450 3.99750 3.99500 CL TB TA CA TB TA 4.520 92 92 93 04.7ALF .15020 .19030 .17161 .:6662 .14125 0LTALF .13532 .07798 .11376 .138817 MACH E ALPHA = DALPHA = X -.93491 -.93683 -.93714 -.53713 -.03492 -.03351 -.63761 GBL -.∩3591 -.03090 -, 13398 CriN .09024 .09106 .09299 .09335 18040. .07354 .07638 .07941 -.34132 -.34208 -.34490 -.34558 -.23528 -.35528 -.31728 -. 345K? .. 35143 RN/L = 5.66 RNAL = 5.86 CLM .≏1914 .99976 .003570 .00457 .01459 .01541 -, (27)59 .91537 XMEP = 1997,9999 IN. XT YMEP = .0999 IN. YT ZMEP = 456,959 IN. ZT .25182 .25171 .20133 \$2002 25118 27,146 **20014** .20055 FUN NO. 428/ 5 RUN NC. 4297 9 -. 92811 -.54365 -.54349 -. G4973 -.05052 -.05050 -.03449 .53181 3 SAET = 2890,0074 54.FT. LMET = 1290,3000 INCHES BMET = 1290,3040 INCHES SCALE = ,0170 # 2690.0004 54.FT. # 1290.3000 INCHES 199.345 . -199.299 -.564 99.535 49.413 -100.130 .354 -399.420 -399.300 -396.719 -349.22 -156.687 -197.490 -150.167

.25610 .05912

1977.

4.00769

.19721 .11255 .12147 .98691

-,03554 -,03554 -,03655

.07233 .07625 .07920

-.27827 -.28607 -.29607

.05501 .07621 .07335

. O. P. B. S. S.

\$665.

-. r2581

199.669

-.19249 -.28795

.02628

3.96500

x -.11742

£∟TBTA 3.9792Ω 3,99520

0.TALF

CAN -36183

-. 26236

- 175579

.251418 7251'S. .277.53 277.53

-.42623

2 -175, 390

-86.953 -99.559 -99.531 -99.267 101.02

-. 54187 - 03329 -. 13931

2.7 11.933

ij

-. 34128

567.73 513.6

19661

.27.7.82

- ...2631 -.00833

299.612

-197.660

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ANYL = 5.86

FUN NO. 4307 5

-.53371

REFERENCE DATA

CATE 25 HAY 75				TAR7 T	IARY TABULATED SOURCE DATA	URCE DATA				PAGE 120
			AEDC/VA52	AEDC/VAS28 (IA87) -O1E11S1-ORB/ET W L/M SRB SEPAR.	T151-0RB/ET	W L/H SRB	SEPAR.		(RTU144)	( 03 OCT 74 )
	REFERENCE DATA	ŢĀ						PARA	PARAMETRIC DATA	<
SREF = 2699. LREF = 1299. BREF = 1299.	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XARP YARP II	1997,0990 IN. XT .0990 IN. YT 450,0990 IN. ZT	7. X 7. Y 7. ZT			MACH ALPHA CALFHA X		4.529 PTOTL 599 BETA .200 DBETA	TL = 95.200 A = 15.905 TA = 4.000
		RUN NO. 433/ 5		RN/L = 5.86						
7 -396.640	2 081.001-	CN 04572	CA .29123 .29946	CLM .91155	CY 34317 34419	CYN .09146	CBL 03540 03559	CLTAL <sup>-</sup> .15583 .14487	5.98910 3.96550	X 300.14000 300.10000
-398.330 -398.210 -398.230	100.280 199.650 400.695	05044 05098 05075	.2002. .20123.	.01536 .01553	34504 34550 34548	.09319 .09332 .09330	03710 03711 03710	.11896 .14904 .11703	3.94950 3.93460 3.94130	300,02000 299,95000 306,21500
		RUN NO. 4	432/ IJ BN/L	L = 5.86						
Y Y	2 -99.426	CN 63377	CA .20186	CLM .70343	CY 32090	CYN .07810	CBL 03302	OLTALF .13342	CLTBTA 4.09110	X 390.12990
-200.270	089. 089.	03555	.20141	.00585	32239	.080 <b>2</b> 0 .08270	-,03421 -,03454	.11672	4.07600	300,02900
-200.460 -199.800	200,020 399,750	03862	.19988	.95718	33114	.59169	-,03498	.13873	4.93729	306.19000 306.00000
		RUN NO.	4317 G RN/L	را = 5.86		•		i	1	
>	2	3	<b>5</b>	CLM	CY 30874	ראו האינה		0LTALF	4.91369	300.09000
-199.139	-100.580	-,02775	.20136	.03729	31521	.08066	03492	13078	3.99495	300.08000
-99.438	98.034	03514	.20169	.99667	31525	.08039	-,03536	.19219	3.99370	300.09500
-195.129	198.285	03369	.20096 10003.	.01586	32575	.08378	03553 03677	.14727	3.97175	299.79000

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CATE 20 MAY 75

IAST TABULATED SOURCE DATA

( 93 OCT 74 ) (RTU145)

PAGE 121

AEDC/VAS28 (IA87) -OIETISI -ORB/ET W L/H SRB SEPAR.

90.200 10.900 4.000 . . . CBETA PTOTL BETA PAKANETRIC DATA 4.520 -,500 5.200 350.000 H H H H MACH : = 1997.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT REFERENCE DATA SAEF = 2690.0000 59.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100

300.18000 300.37000 300.18000 300.12000 299.90000 300.26000 399,99999 299,96000 300.32000 399,97999 299.96000 356,99999 299.88000 299,86550 399,1899 DLTBTA 4.00359 4.02600 4.03000 3.98850 4.02890 4.01720 3.98250 3.98750 3.99290 DLTBTA 4.03860 4.03250 3.98230 4.06690 3.99820 4.01380 DL TIB TA 5.17799 5.17799 5.17120 5.14719 5.16419 5.13760 5.04640 5.04640 5.08580 5.13170 5.14030 5.14330 CLTALF 5.13920 5.14050 5.18200 5.13890 5.13980 -.03617 -.03714 -.03714 -.03713 -.03462 -.03561 -.03713 CBL -.03487 -.03637 -.03607 -.03607 CBL -.03551 CBL -.03461 -.03534 CYN .07980 .58198 .08286 .06517 CYN .09179 .09337 .09336 CYN .07953 .08241 .08642 .09282 -.34352 -.34466 -.34568 -.34569 -.34569 -.32599 -.32856 -.33375 -.34484 CY -.31736 -.31605 -.32949 -.32869 -.33854 CY -.32244 5.86 RN/L = 5.86 .01314 .01543 .01548 CLM .00702 .00778 .00863 .01521 ୍ଦ୍ର <del>1</del> .ମସ୫ରେ .ମସ୭ସଡ CLM .91167 .00686 .00769 .01157 RNZ Z Z CA .20167 .20101 .20071 .20029 CA .20079 .20038 .20085 .20126 CA .29113 .29167 .20116 20019 RUN NO. 434/ 0 RUN NO. 4357 0 0 436/ -.03859 -.03488 -.03640 -.04058 -.54589 -.05086 -.03885 -.03691 -.04057 -.05976 -.05976 -.94489 -.53829 RUN NO. 3 3 2 -97.819 2 -199.699 199.130 -.578 2 -199.389 99.766 199.825 399.735 1.282 199,815 399.830 -.276 98.448 -398.630 -199.470 -199.280 -199.550 -100.650 -99.734 -100.749 -99.501 -396.960 -200.710 -200.290 -100.190 -399.370 -398,600 >

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AEDC/VAS28 (1A87) -O1ET1S1-ORB/ET W L/H SRB SEPAR.

(RTU146) ( 93 OCT 74 )

PARAMETRIC DATA

90.200 10.900 4.900

PTOTL BETA CBETA

4.520 -.590 5.299

MACH :

= 1097.0000 IN. XT = .00000 IN. YT = 450.0000 IN. ZT

XIMEP YMEP

= 2690.0000 S4.FT. = 1290.3000 INCHES LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES

9199

SCALE =

REFERENCE DATA

.14925 -.06974

3.98239 3.97745 3.96746 3.92170

5.14870 5.11120 5.12210 5.13120 5.13220

CYN .09085 .09297 .09326 .09330

-.34352 -.34556 -.34544 -.34575

.01171 .01537 .01544

.20098 .19998 .20045 .20109

-.05053 -.05084

-.04385

2 -190.219 .289 906.66

-.03712 -.03711 -.03715

CBL -.03515 -.03574

-.34217

.91915

RN/L = 5.86

RUN NO. 439/ S

х .14939 .19127

CLTBTA 4.00030

x -.47123 .15336 .23249

5.92270 4.01649

.18557

3.94480 3.97140 3.99710

5.58479 5.10229 5.1029 5.12289 5.12289

CBL -.03343 -.03572 -.03610 -.03520

CYN .07192 .07884 .08193 .08178

CY -.27627 -.28879 -.39515 -.3515

CLM .00926 .00866

CA .29228 .29223 .29125 .29125

CN -.54813 -.94930 -.92859 -.94445

-97.418 -100.130 -99.349

-.129 99.368 199.695 399.725

-99.456

-98.117

z -99.715

.90529

.05470

3.98360 4.02870 4.06240 3.98480 3.94870

5.14379 5.16469 5.15120 5.13549 5.1969

CBL -.03380 -.03500 -.03417 -.03710

CYN .07346 .07591 .67760 .08169

-.30273 -.30809 -.32302 -.3426

CLM .00617 .00753 .00420

.20243 .20174 .20174 .20097

-.03688 -.03098 -.03069

-.845 98.945 199.800 398.120

-199.590 -198.420 -197.350

-.53639

-199.159

-196.735 -199.070 -.05028

FN/L = 5.86

RUN NO. 4377 9

.51508

CY -.30388

RN/L = 5.86

RUN NO. 4387 S

-.05082

199.910 400.350

-398.435 -398.755 -397.810

-397.880 -398.940

20433 .07704

OLTBTA

KHEH

1

DATE 25 MAY 75	_			1487	IA87 TABULATED SOURCE CATA	NINCE CATA				PAGE 123
			AEDC/VA52	18 (TAB7) -01	AEDC/VAS28(1A87)-O1ET1S1-ORB/ET W L/H SRB SEPAR.	I V L/H SRB	SEPAR.		(RTU147)	( 03 007 74 )
	REFERENCE DATA	4						₹.	PARMETRIC DATA	≪
BARF = 8880.0000 LREF = 1290.3000 BARF = 120.3000	2000.0000 00.PT. 1200.3000 INCHES 1290.3000 INCHES		1097,0000 IN. .0000 IN. 450,0000 IN.	TN. YI TV. YI TY. Z			A LPE	u	4.580 PTOT. 500 BETA -4.900 OBETA	71 = 90.200 A = 10.900 TA = 4.000
		RUN NO. 4	440/ 0 RN/L	ר ז 5.86						
<b>&gt;</b>	~	3	5	N C	Շ	Š	៩	DLTALF	OLTBTA	×
-366.250	15.531	04350	.20003	.00950	34248	.09137	03486	4.81300	4.00230	.06363
-396.995	199.070	05045	.19995	.01 <b>527</b> .01 <b>542</b>	34503	.09308	03706	-4.61080	4.01240 3.99290	06225 .16001
		NO. NO.	441/ 0 RN/L	ר≃ 5.86						
>	•	ē	5	3	ځ	Š	ē	CLIALF	CL TB TA	×
-199.170	99.612	02698	.20124	01000	29871	.07295	03296	-4.87895	3.98679	08453
-197.690	199.650	02480	.20037	00042	-, 30936	.07591	03366	-4.8618U	3.92810	.13157
D69.661-	399.660	-,04400	. 19946	.01000	3356IJ	.08761	03665	-4.85840	4.00170	15483
		NGW NO.	442/ 0 RN/L	رت 5.86						
•	•	į	3	3	5	Š	ě	\$ 4 A F	41 ET S	×
-99.065	28.964	03064	.20152	.00168	27513	12070.	03276	-4.89440	4.01190	07915
-99.328	199.950	92169	.20160	.00054	28254	.072:05	03429	-4.89467	3.99190	11293
-101.020	401.245	02944	.19959	.00320	32479	.08244	-,03558	4.91030	4.05680	04713
			AEDC/VA52	:8 (1A87) -OtE	AEDC/VAS28 (IAB7) -OIETISI-ORB/ET W L/M SRB SEPAR.	888 HJA.	SEPAR.		(810148)	( 93 001 74 )
	REFERENCE DATA	4						PAR	PARAMETRIC BATA	•
•	_		M 0000 200	;			3	,	A 42G PTOTI	1 E
CREF = 1290.3000	3999 INCHES	A DESCRIPTION OF THE PERSON OF	1 0000.				<b>\</b>	_		u
6421 # 3		2.45P	450.0000 IN.	N. 21			ž×	CALPHA = .x	-4,900 CSETA 300,000	TA = 4.000
	_	RUN NO. 4.	445/ D RH/L	r: 5.86						
•	~	3	5	ð	Շ	Š	ŧ	CLTALF	OL TB TA	×
-398.700	94.976	04967	.29947	.01466	34514	90300	03677	-4.85670	3.94660	299.67000
-340.420	199.010	09099	50102	.01555	34533	.09326	03719	-4.64930	3.93390	299.78000
-394.380	400.040	95584	12102	.01543	34571	.09340	03715	-4.8698D	3.824.60	505.30.50
	_	RUN NO. 44	444/ S RN/L	7: 5.86						
•	~	3	5	ş	Շ	ž	ŧ	OL TALF	CLTB TA	×
-190.100	100.460	03303	\$6002.	.00321	32099	08640.	03356	-4.86610	3,94270	299.83000
-200.600	200.070	03528	.20019	.00469	32792	.06313	03420	-4.8630	4.03759	300.11000
-201.349	400.889	04768	.19941	.01321	34903	01060.	03694	-4.90240	4.06230	300,31500

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(RTU148) ( 03 OCT 74 ) PARAMETRIC DATA AEDC/VASEB(IA47)-OLETIB1-ONB/ET W L/H SRB SEPAR.

PARAMETRIC DATA	MACH E 4.520 PTOTL = 90.200	500 BETA =	= -4.900 CBETA =	X = 300,000
	XMRP = 1097.0000 IN. XT	TY 'NI DOOD	z 450,999 IN. 27	
	. e	Ť	į	
REPERENCE DATA	SAEF * 2490.0000 34.FT. X	LREF * 1290.3000 INCHES 1	BREF = 1290.3000 INCHES 2	SCALE # .0100

		Š.	TUN NO. 4437 SI RN	RN/L = 5.06						
<b>-</b>	~	ટ	5	#J	ځ	Š	ಕ	OLTALF	OL TB TA	×
-100.120	100.190	93114	19662.	.00282	35672	.97731	93408	-4,87229	4.99539	300.29000
-99.381	196.149	02659	550045	.00219	31835	.993	-, 93454	-4.81200	3.98540	399, 98999
-99.961	399.580	03893	19964	.00811	33339	.98649	03636	-4.84789	3.97430	299.63000
			AEDC/VA5	28 (1487) -01	EDC/VAS28 (IART) -OIETIS1-ORB/ET W L/H SRB SEPAR.	TWL/H SAB	SEPAR.		(RTU149)	( 93 OCT 74 )

	2690.	REFERENCE DATA	Q.	Ħ	TX .NI COOD 1N. XT	# YOU	PARAMETRIC 4.520	CATA PTOTL	41	90.270
ראבי ה		D INCHES	¥	"	.0000 IN. YI	ALPHA	500	BETA	"	15.900
**	1290, 3000	0 INCHES		**	450.0000 IN. ZT	CALPHA =	.205	CRETA		8.000
SCALE =	919	c				 *	UOC.			

			1							
<b>&gt;</b>	2	8	3	Š	Շ	Š	ਵ	CLTALF	CLTBTA	×
400.169	-198.119	03350	.20025	.03250	33218	.08423	03228	.16571	6.00250	10503
-399.920	685	03636	.19992	.00479	33315	.08330	03351	.19699	8.00260	20195
400,440	99.511	03922	.19884	.00648	33624	.08780	93419	.19569	8.55979	10063
499.269	199.630	04849	.19958	.01377	34293	.09135	03682	.14649	8.09750	.51220
399.390	400.199	05075	.20098	.91545	-,34506	.09318	-,03706	.14935	7.99455	11226
		RUN NO.	47/ 0 KN	RN/L = 5.86						
<b>&gt;</b>	~	ટ	5	¥75	Շ	ž	<del>ខ</del>	CLTALF	DLTB TA	×
199.280	-109.159	01618	.20411	50781	25715	.04869	02795	.11281	7.99260	21579
196.380	324	52775	.20101	-,00004	27117	.f.6181	93246	.97592	7.97655	38582
199.550	99.832	92449	.25587	00003	27987	.06617	93472	.07540	8,50560	.14329
198.320	201.130	01738	90002.	55418	29945	.57288	03400	.05710	7.92360	.47641
200.000	399.819	94279	. 19925	70010	33554	.58754	03674	.13864	8.51999	.11258

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CATE 29 MAY 75	_			1467	IABY TABULATED SOURCE DATA	XIRCE DATA				PAGE 125
			AEDC/Y	6 (1AB7) -01	AEDC/Y - 28 (1A87) -O1ET1S1-ORB/ET W L/M SRB SEPAR.	TWLM SRB	SEPAR.		(RTU1 £9)	( 93 OCT 74 )
	REFERENCE DATA	47						9.44	PARAMETRIC DATA	<b>.</b>
SREF = 2690.0000 LREF = 1290.3000	.0000 54.FT.	XIARP II	1 0000.7801				MACH	80 H		
U621 = 3	.3990 TNCHES .9109	214RP #	450.0000 IN.	¥. 24			DALPHA N	n n	.290 08ETA 300.000	TA = 8.955
		RUN NO. 4	449/ D RN/L	L = 5.86						
<b>&gt;</b>	2	3	<b>5</b>	<b>₽</b>	Շ	Š	ಕ	OLTALF	CL.TB TA	*
-399.340	-190.959	93927	.2058	.00673	33892	.08867	03368	.15089	7.98619	300.13000
-397.699	071.001	- 54797	1993	91244	-,34337	03250	03611	.11561	7.93819	299.95020
-398.410	199.860	05074	.2002	.01543	34535	.09324	03719	.12800	7.93765	299.96000
-399.370	399.880	05587	.20096	.01549	34509	.59318	03706	.14486	7,99895	350.12885
		RUN NO. 4	4487 B RN/L	L = 5.85						
>		3	5	3	Շ	Š	ਦ	CL TALF	CL TB TA	×
-198.920	-150.195	02657	76002.	00206	35254	27730.	03086	.13469	7.98530	299.81500
-199.769	1.694	02926	.20116	.90119	31979	.07343	03311	.08631	8.90729	390.13990
-199.060	99.891	52901	.20059	.00139	31595	68940.	03386	.13346	7,99135	350,22500
-200.620	200,089	03094	19964	A 1500.	32352	.08053	03426	.13348	8.54269	300.16000
-199.240	399.919	94734	.19948	.61293	-,34972	.58994	03695	.14454	7.98990	299,84550
			AEDC/VA52	8(1247)-01	AEDC/VA528 (1247) -OIETISI-ORB/ET W L/M SRB SEFAR.	5 K L/4 S48	SEFAR.		(RTU151)	( 93 301 74 )
	REFERENCE CATA	4						FAR	PARAMETRIC DATA	∢
SAEF = 2690.	2690.0000 Sa.FT.	XIME I	1097,0000 IN.	N. X			¥	**		,,
LREF = 1290. BREF = 1290. SCALE =	1290.3000 INCHES 1290.3000 INCHES .0100	YMEP ::	.0000 IN. 456.0000 IN.	N. Y. 77			ALFHA CALFHA X	 	500 BETA 5.200 OBETA 300.000	A = 19.900 TA = 6.000
		Æ. S	4507 D RN/L	L = 5.86						
٠	~	3	5	G.	Շ	ž	ਭੱ	CLTALF	CLTBTA	×
-399.710	-100.450	94189	.20569	62800	34025	.08956	03463	5.17590	8.01380	399.0200
-399.960	035	94261	. 19993	26966	34126	96060	03468	5.19945	0.04629	390.24990
-399.090	199.979	05019	. 19968	66.00	2,54449		13693	3.16635	0.000	300 13000
-398.910	399.060	95963	50102	.01548	34519	.09316	.03705	5.13890	7.96805	300.06000
•										

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OF POOR QUALITY

(RTU151) ( 03 OCT 74 ) PAGE 126 AEDC/VAS28 (1A87) -O1ET1S1-ORB/ET W L/H SRB SEPAR.

	REFERE	ERENCE DATA	474							•	PARAMETR1C	CATA		
SAEF = LAEF = BAEF = SCALE =	2690.000 1290.300 11 0003.0051 11 0003.0051	SA.FT. INCHES INCHES	XHRP YHRP ZHRP	H 11 H	1997, 0000 TN. .0900 TN. 450, 0000 TN.	IN. XT IN. YT TX. XI			MAC ALP SAL	MACH = ALPHA = CALFHA = X	4.529 599 5.299 300.999	PTOTL BETA DBETA	11 11 11	90.200 10.900 6.000
			NO.		4517 9 RN/	RN/L = 5.86	,A							
>-		<b>.</b> .	₹.		5	5	Շ	ž	Ę	CLTAL			×	
- 202	-200.310 -10	-100.470	03406		.20112	.00432	30967	.07252	03376	5.13440		8.03250 3	350,35500	800
-199		253	5330	_	.20125	.95497	31569	96940.	-, 53490	5.1293			100.07	50
<b>662</b> −		18.479	03512		.25058	.06212	31887	78870.	03421	5.1529			100.23	S
-202		0.89.8	93466	_	.19959	.05489	32771	.08331	03483	5.1823			30.93	8
-199	199.320 33	9.420	04933	_	.19983	.01435	34258	.59151	03706	5.1473			69.66	8

	XMRP = 1097,0000 IN. XT	: = .0000 IN. YT	ZWRP = 450,0000 IN. 21	
	# FAR	ALPHA =	CALPHA =	×
PARAMETRIC CATA		599		
CATA		BETA =		
	8.3	15,900	6.509	

AEDC/VA528 (TAB7) -OIET1S1-ORB/ET W L/H SRB SEPAR.

(RTU152) ( 93 OCT 74 )

۲	2	ē	3	ţ	Շ	ž	é	STAF	C: 18 1A	×
-499,000	-100.200	03859	60002	.93663	33325	.08542	03416	5.14440	A.01260	03317
-398.820	.463	03801	.19979	.00585	33467	.08655	03392	5.09830	7.98245	03085
-398.895	99.837	54537	.19891	.01119	33954	5868Ü.	03586	5.12315	7.93870	17547
-399.360	199,770	95952	.19977	.01528	34494	.09293	03707	5.12910	7.96575	11995
-396.320	400.160	05093	.29111	.01549	34535	.09325	03758	5.12630	7.91979	n9ara
		FUN NO.	4527 S RN	RN/L = 5.86						
<b>&gt;</b>	~	3	5	*70	Շ	Š	ਵ	CLTALF	CL TB TA	×
-290.079	-190.380	53384	.20291	.00261	27765	71090.	03257	5.15479	7,97645	.05679
-279.289	-1.915	53021	.29158	.00314	28917	.96741	03498	5.16190	0.00000	91779
-200.530	99.355	52578	78105.	.00146	29111	.07274	93523	5.11420	6.59300	\$2855
-196.869	199,759	01665	.20037	06312	39816	51970.	93392	5.12890	7.98445	51594
-199.270	399.730	94785	19963	.91332	F. 3411.3	8.500°	G7177	6.14260	7 006 7	30,406

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### IABY TABULATED SOURCE DATA

#### PAGE 127

The state of the s

# AEDC/VAS28(IABT)-QIETISI-ORB/ET W L/M SRB SEFAR.

### (RTU153) ( 03 OCT 74 )

PARAMETRIC DATA	MACH = 4.320 PTOTL = 90.200 ALPMA =500 BETA = 10.900 CALPMA = -4.900 CBETA = 8.000 X = .000	
METERENCE CATA	0.9909 54.FT. XOMP = 1997.9009 IN. XT 0.3999 INCHES YMMP = .0993 IN. YT 0.3999 INCHES ZMMP = 459.9909 IN. ZT -9199	
	SAEF : 2690.0000 LREF : 1290.3000 BAEF : 1290.3000 SCALE : .0100	

## RUM NO. 4547 9 RN/L = 5.86

2		3	5	3	ჯ :	ع ک	đ	OLTALF.	CL TB TA	×
S S		.93279	.19675	.00199	33146	.06459	03247	-4.81370	6.010.50	U.S.
199.0	_	.04212	19827	.00841	33777	.08875	03494	-4.78750	6.08340	.03582
399.8	_	.05995	22002	.01559	34531	.09324	03711	-4.85420	7,99610	02886
	\$	UN NO. 45	1557 O RN.	RN/L = 5.86						
~		3	5	ð	Շ	Š	ಕ	SLTALF	CLTBTA	×
<b>39.</b>		.01536	.20059	00795	26537	.05846	-,03985	-4.90030	7.98630	- 35230
200.240	_	01551	.20053	00593	29052	.06375	93371	-4.93700	8.00720	.12010
333.6	_	.03336	19781	ACACC.	32814	9139	-,63563	-4.85759	6.90509	91610.

#### REFERENCE CATA

#### PARAMETRIC DATA

(RTU154) ( 03 OCT 74 )

AEDC/VAS28 (IA87) -JETISI-ORB/ET W L/H SRB SEFAR.

PTOT. = 90.200	10.900	4.000	
PTOT	BETA	7382	
4.520	500	CALPHA = -4.900	300,000
**	"	# ≨	**
			*
. x		1. 21	
097,9999 IN	TY .N. 0000	450.9700 IN	
	,,	**	
S S S S S S S S S S S S S S S S S S S	2	200	
2690.0003 Sq.FT.	1290.3000 INCHES	BREF # 1290, 3000 INCHES	0010.
*	н	**	# 6-1
5		Þ	SCALE

### RUN NO. 4577 0 RN/L = 5.86

. 396.749 -397.710 -398.649	2.77.0 199.720 399.790	CM 04244 05037 0509@	CA .19916 .19941 .25116	CLM .904069 .91521	CY 34126 34455 34524	CYN .09077 .09267 .09319	CBL 03454 03700 03706	DLTALF -4.84290 -4.87000 -4.85560	0LTBTA 7.97490 7.92540 6.00650	X 299,62000 299,86000 299,95000
		RGW NO.	4567 0 RH/L =	. = 5.67						
•	~	3	3	ş	S	ž	é	CLTALF	श्र. TB TA	×
-199.350	3.8	02544	.20071	90155	39630	19210.	03251	-4.87149	6.00360	300.16000
- Pro 340	200.140	02623	19461.	05119	31723	90110.	03325	-4.87359	8,53995	300,30000
-198.189	399.419	94394	. 19665	.91962	33523	.04730	03664	-4.86175	8.01040	300.03000

AEDC/VAS28 (1A87) -OLETISI-ORB/ET W R/M SRB SEPAR.

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(RTU155) ( 03 OCT 74 )

	NE' ENEME UNIN										
SAEF = 2600 LREF = 1290 BREF = 1290 SCALE =	2690.0009 90.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1997,9990 IN. .0000 IN. 450,0090 IN.	, , , , , , , , , , , , , , , , , , ,			MACH ALPHA CALPHA X		4.520 PT -5.900 BC -5.900 CB .200 CB .000.	PTOTL = BETA = CBETA =	91.203 10.803 .903
		RUN NO.	461/ D RN/L	رة: 5.90							
>	~	3	5	3	Շ	3	ಕ	CLTALF	CLTBTA		
9.6%	-100.033	19278	.23050	.04831	39931	12461	- 54364	.18157	.977.88	•	.11619
10.642	388	20210	.22940	.55332	40058	19475	04335	.18749	.06445	٠	12209
10.164	99.545	29449	.23145	.05679	41659	.11458	-,04357	19778	.07369	•	09113
11.150	199.410	18686	.23457	.09043	42160	.12121	04176	.21284	.062 R2	-,05981	1961
10.473	399.540	18849	.2307	.05080	37903	.11039	-,03702	.18918	.05953	2856:	36:
		ACN NO. 4	400/ II RN/L	L = 5.90							
>	~	8	5	Ş	Շ	ξ	ಕ	DLTALF	CLTBTA	×	
** . **	-100.000	20263	. 22637	.05548	39070	.11179	04351	.17112	.10310		16272
102.320	-1.785	20095	.23416	.05578	39595	.11407	04278	. 20465	.0000	22782	78
100.279	100.100	19288	.23480	.05104	40395	.11956	94216	.17383	.07334	16196	196
190.635	900°C0-3	18259	.23256	.04541	39954	11929	04079	.17919	.96781	7.	.14716
100,790	402.540	19373	06082.	.05302	37794	.10954	-,63754	10125	\$6680.		.00637
		ACN NO. 4	459/ U RHVL	L = 5.91							
٠	~	3	5	<b>*</b> 70	Շ	ž	é	CL TALF	CL TB TA	×	
PO1.780	-100.050	21206	.22631	.06418	36 P	.11255	03993	.17928	.048.64		.20584
200 460	796	20316	.23345	.05813	39207	.11651	-,04064	.22818	.97459	13662	299
199.469	100.280	19373	.23335	.05164	39421	.11841	04043	.18991	.11244	05479	479
199.963	201.469	18637	.23236	.04676	38675	.11531	D4547	57701.	.03355	16471	171
196.573	399.710	19615	.23067	.05386	37558	.19885	03714	.1772:	. 973.85	•	.16145
		NON NO. 4	458/ 0 PML	l = 5.09							
٠	~	3	5	¥)	Շ	ž	ě	CLTALE	CLTBTA	×	
400.390	-199.119	20679	.23225	.06110	36963	.11938	03759	.17955	.09841	12231	231
479.189	239	20127	.23222	.95733	36719	.11761	53761	.17441	.19799	5	.01697
399.970	29.94E	19377	.23221	.95119	36393	.11457	63879	.17495	105501	2:452	452
479.669	690.063	19596	.23964	. 5233	37746	.11538	03836	.17513	.67. 23	08255	255
200			90000								

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2476	DATE ED MAY 75			1437 146ULAIRU SOURCE UAIA	D SOURCE CAIA				
				AEDC/VASSB (IAB7) -OIETIS1-ORB/ET W R/M SMB SEFAR.	B/ET W R/H SAB SEFAR.	(RTU)	(RTU155) ( 03 OCT 74 )	8	1 74 )
	ACTERIA	DRENCE DATA	<b>.</b>			PARAMETRIC DATA	C DATA		
247 247 247 247 247 247	96 0000 0000 000 000 000 000 000 000 000	÷ 5 5		 \$4.FT. XXMP x 1087.0000 IN. XT INCHES YMP x .0000 IN. YT INCHES ZMP x 490.0000 IN. ZT	MACH TALEMA TO DALPHA TO TALEMA TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALEMA TO TALE	2 4.320 PTOTL 2 -5.900 BETA 2 .200 OBETA = 300.000	PTOTL BETA CBETA		91.209 10.800

>	*	3	3	r C	Շ	ž	ಕ	CLTALF	2,181∡	×
9.504	-99.564	18975	.23050	.04729	49637	.11764	04518	.16246	.09614	399.91999
19.563	976	19316	.23272	.04939	41031	12044	04416	.18143	.97274	300.09000
19-523	99.899	18779	.23559	.04743	41599	.12518	04236	.19532	.08595	299.61000
19.233	199.970	18679	.23127	.04857	40455	.11959	03855	.19060	19947	300,020,00
12.497	402.650	16694	.23006	.05020	37747	10958	53709	.07144	70064	300.04000
		RUN NO. 46	463/ O RN/L	ሊ። 5.89						
>	~	3	3	Ę,	Շ	Š	é	SLTALF	SLTB TA	×
199,119	-102.520	19236	. 22822	94896	49229	.11932	04539	.24578	.11591	299.81500
199.749	599	19547	.23236	.05291	27905'-	.12151	04233	20149	.05545	299.85000
199.069	99.665	18192	.23643	.: !H467	-,49767	.12361	04238	.18670	.05823	299.97033
97.192	200,950	16423	.23115	.04555	39957	.11923	03955	.14194	.17236	299.92000
199,790	399.650	19627	61162.	,05494	37462	.15787	-,03726	.16364	.060 52	299.95000
		RUN NO. 46	4647 D RN/L	رة 5.90						
<b>&gt;</b>	~	3	5	ð	Շ	ž	ë	DLTALF	S, TBTA	×
POD . 200	-100.300	20695	. 23261	.06064	39424	.12763	03911	.16739	51701.	299.93000
201.400	311	19621	. 23529	.05370	39324	12090	04008	. 15246	.07639	300.01000
202.480	39.834	18567	.23396	.04589	36843	.11681	0498\$	.19205	00077	300,01000
627.302	190.000	19763	23/162	.05482	36190	11256	03704	.24737	.04997	299.92000
620.162	399.920	-,26164	.23116	.05690	37437	.10763	93732	.17865	.06209	350.16000
		RUN NO. 46	4657 D RN/L	ئة 5.90						
•	~	3	3	ð	ځ	N.	Ę	OL TALF	CL.TB.TA	×
490.419	-199.279	20369	.23172	.55881	37521	15931	53664	.18454	.96854	299.93000
400.030	262	19799	.23263	.05491	37612	.17933	03819	19061	.07880	299.84000
499.649	104.1	19472	.23126	.05219	37493	.15645	03932	17306	.05713	299.91000
401.100	199.730	21162	.23127	.05694	37492	.19746	03739	.16663	.01203	299.84000
400.675	399.439	20120	.23121	.05699	37395	.10742	03729	.18188	.057.09	299.97000

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# AEDC/VAS28 (1A87) -OIET1S1-ORB/ET W R/M SRB SEFAR.

( 03 007 74 ) (ATU157)

91.259 800 399,99000 299.96000 299 :84000 299.90000 299,92000 300,04000 390.17930 300,02000 299.87000 11 11 11 CBETA PTOTL BETA PARAMETRIC DATA .01103 .067 85 .068 47 .072 29 .066 34 .03625 .08714 06596 CL TO TA CL TB TA .57443 . 00199 4.520 -5.900 5.200 300.000 5.12130 5.20100 5.18360 5.19220 5.18790 5.16260 5.17630 5.16230 5.09570 B. 74LF MACH = ALPHA = DALPHA = X -.04011 -.04201 -.03734 -.03709 -.03995 -.04232 -.03700 -.03734 -. S4049 -.04132 .11442 .11407 .11675 .11428 CYN .11556 .11841 .11861 .11549 .11765 -.40317 -.39668 -.39283 -.37385 -.40553 -.39698 -.39114 -.37429 -.39725 RUM NO. 469/ S RN/L = 5.92 EN. = 5.92 CLN .05766 .05749 .04602 .05556 .04367 .05434 .05628 CLM .05791 = 1097.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT CA .22832 .23547 .23619 .23329 .23505 .23567 .23129 23122 CA .22644 .23975 RUNO. 468/ 5 -.20311 -.19895 -.17969 -.19478 -.18379 -.19480 -.19217 -.20330 -.250532 REFERENCE DATA SAET = 2695.0000 34.FT. LNET = 1290.3000 INCHES BMEET = 1290.3000 INCHES 2 -102.150 -007 2 -98.986 -.577 199.660 200. 200.110 200.110 \$6.716 2193 7 10.369 10.459 10.629 100.140 100.630 19.421 19.679 199,989 191.799 191.479

.583 93 .595 70 .07451 CL TB TA .978 Ge 14798 5.16889 5.15889 5.19359 5.18469 5.18689 5.17289 GBL -.53678 -.53825 -.53819 -.53729 -.53727 CYN .15799 .19896 .19785 .19747 -.37549 -.37391 -.37489 = 5.92 CLH .05834 .95475 .95497 .95694 .55699 FN/ .23126 .23187 .23243 c TUN NO. 466/ -.19876 -.29197 -.29989 -.20319 -.19061 3 ..342 99.637 199.697 -199.940 470.240 490.240 475.180 349.919 34.135

299.17700

399,00000 299.89700 299,97555 299,82330

299,91000 299,95000 299,92000 299,93000

.97678

CL TB TA

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5.11179 5.19045

-.04549 -.03799 -.53728

-.38454 -.37855

23254 23186 23130

-.18785 -.19785 61162.-

299.400 399.400

199.320

.09668

.95126

5.19020 5.22370

-,53868

CBL -.53899

.11834 .11667 .11979

-, 397.65 -.38750

CLN .06041

.05446 .0549**5** .0549**5** .0569**8** 

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-.19723 -.20621

-.494 99.802

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20.42 20.39

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RUN ND. 467/

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CATE 25 MAY 75	2				1467	TABY TABULATED SOURCE DATA	OURCE DATA				PAGE 131	
				AEDC/VAS	28 (IA87) -0	AEDC/VASZB (IABY) -OLETISI-ONB/ET IN RIM SRB SEPAR.	T K R & SEB	SEPAR.		(#TU15#)	( 93 OCT 74 )	
		REFERENCE DATA	2						Ž.	PARAMETRIC DATA		
11 : 4300 11 : 4300 11 : 4300 12 : 4300	2000.000° 30.FT. 1290.300° 30.FE 1290.300° 100.ES	SA.FT.		1091	.9999 IN. XT .9999 IN. XT .9999 IN. ZT			ON A	, , , , , ,	4.529 PTOTA -5.900 BETA 5.200 OBETA .070	1 = 91.200 1 = 19.800 A = .000	
		-	RUN NO. 479/ 0		RNA = 5.92	ę.						
>	~		3	5	3	5	Ē	ಕ	OLTALF	CL TB TA	×	
19.003		-99.853	20739	.23024	91650.	39415	10060	03091	5.18630	67070.	03665	
10.20		.251	21269	60922	78264	39114	19191	04025	5.17060	12780.	96237	
19.41	•	020.001	C28C2:-	. 23235	.0697	49111	1,1903	04099	5.18550	11060	.06238	
19.663 8.959		199.820 399.800	19302	.23495	.05307	40389	.11541	04136	5.18590	.079.96	96970"-	
		•	AUN NO. 4717 9		RN. = 5.92	ę.						
•	•		3	5	2	ځ	3	ĕ	D. TALF	A. 18 TA	×	
199.700	·	100.160	21064	22.078	26290	38875	11094	(3964	5.18060	.06303	2!711	
101.420			-2010	.23247	92726	39974	11213	04053	5.19350	91810.	12121	
191.110	¥	\$1.613	19421	.23457	.05285	39459	.11564	04043	5.19700	.06422	.15197	
199.469		139.679	10776	61282.	CARS.	389£6	.11367	03969	5.18439	.072.84	12877	
186.381		699.860	19476	<b>9</b> 6182.	.05338	37571	.10646	03721	8.20000	.18112	17697	
		-	RUN NO. 4727 5		RNA = 5.92	•						
<b>&gt;</b>	~		3	5	3	5	Ē	ŧ	DLTALF	CL TB TA	×	
200.410	·	-99.836	S7802'-	96922.	06180	38462	.11545	03919	5.15519	75,90.	C9C9G*-	
22.33		. 2	19996	.23379	.05642	38705	11305	-,0396a	5.22.460	.09023	19612	
27. AZ		664.69	19455	908.27	.05203	36866	.11511.	03974	5,20490	.09239	(6359	
P3.249		199.799	19116	.23126	52720.	36455	.11267	03916	5.19650	-, 004.06	07419	
196.740		330.040	19753	.23116	.(5474	37480	.10000	03727	5.19395	.17276	20096	
		-		4737 9 RM	18VL = 5.92	•						
•	~		3	ತ	3	5	£	ਰੱ	CLTALF	C. TB TA	×	
396.949	·	-99.654	20402	.23196	.05955	36751	.11719	03745	5.15360	.18697	14139	
499.480		19	19943	.23220	70980.	36277	.11355	93729	5.16250	. 639 56	27503	
em. 320		\$36.8	19260	.23240	01150	36100	11264	03904	5.179@	90246	96524	
401.110	_	190.700	196AS	.23111	.05550	37596	.10065	93733	5.17135	.54627	.05345	
400.8PB		399.650	2994	.23149	.05677	37378	1.19723	03725	5.16259	.03279	.15143	

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(RTU159) ( 03 OCT 74 )

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8 8 8 N				-	PARAJETRIC DATA	
2 CN CA CLN 99.57919116 .23191 .04477 199.74019032 .23593 .04460 199.74017966 .23592 .04734 2 CN CA CLN 99.42110502 .23750 .04460 200.39017246 .23720 .04460 200.39017246 .23553 .03622 402.49017246 .23553 .03622 2 CN CA CLN 100.02017246 .23553 .03622 2 CN CA CLN 100.02018967 .23105 .05123 2 CN CA CLN 100.02019072 .23104 .04290 399.79019072 .23104 .05264 2 CN CA CLN 2 CN CA CLN 2 CN CA CLN 2 CN CA CLN 2 CN CA CLN 2 CN CA CLN 2 CN CA CLN 2 CN CA CLN 2 CN CA CLN 3 CN CA CLN 3 CN CA CLN 3 CN CA CLN 3 CN CA CLN 3 CN CA CLN 3 CN CA CLN 3 CN CA CLN 4 CN CA CLN 4 CN CA CLN 5 CN CA CLN 5 CN CA CLN 6 CN CA CN 6 CN CN 6 CN CN 6 CN CN 6 CN CN 6 CN CN 6 CN 6	<b>5 1 1</b> 2		MACH ALPHA CALPHU X		4.520 PTOTL -5.900 BETA -4.800 CBETA CC.	10.200 1 10.809 1 10.809
2 CH CA CLM 99.57919116 .23191 .04477 199.74018032 .22363 .04460 399.28911916 .23193 .04460 2 CM CA CLM 99.42118512 .23720 .04489 200.49017246 .23533 .03822 402.49017246 .23533 .03822 2 CM CA CLM 100.02718967 .23103 .03123 2 CM CA CLM 100.02018967 .23104 .04290 399.70918948 .23144 .04290 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 2 CM CA CLM 3 CM CA CLM 4 CM CA CLM 4 CM CA CLM 4 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CA CLM 5 CM CM CM 5 CM CM 5 CM CM CM 5 CM CM CM 5						
99.57919116 .23191 .04477 199.74019032 .23383 .04460 399.29017946 .23582 .04734 - 2	מרא כל	Ē	ಕ	<b>CLTALF</b>	CL TB TA	×
199.74019032 .23383 .04460 .299.290 .2943417966 .23592 .04734 .23434 .295.290.39017246 .23553 .03622 .295.39017246 .23553 .03622 .295.3018967 .23155 .05123 .23164 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .04290 .23434 .03586 .23104 .23339 .05040 .23527 .23153 .05040 .23533 .04727 .23333	.0447743624	\$1221.	04897	4.80375	1146.	90.460
2 CM CA CLM 99.42118572 .23752 .94734 27 CM CA CLM 99.42118572 .23725 .94489 279.39917246 .23533 .73822 402.49518967 .23195 .73822 27 CM CA CLM 190.72718967 .23195 .73822 28 CM CA CLM 190.72718759 .23747 .74782 289.79918749 .23747 .74782 2 CM CA CLM	.0446044971	.13156	04406	-4.79320	.08777	23374
Z CN CA CLM 99.42118502 .23720 .04468 290.59017246 .23653 .03622 402.49017246 .23653 .03622 402.49018967 .23105 .05123 .  Z CN CA CLM 150.02018079 .23747 .04782 .  2 CN CA CLM 150.02018021 .23434 .04290 .  2 CN CA CLM 299.70018021 .23434 .04290 .  Z CN CA CLM 4747 0 RM/L = 5.92  Z CN CA CLM 600.25018021 .23434 .04290 .  Z CN CA CLM 600.25018021 .23434 .04290 .  Z CN CA CLM 600.250 .05040 .  Z CN CA CLM 600.250 .05040 .  Z CN CA CLM 600.250 .05040 .  Z CN CA CA CLM 600.250 .05040 .  Z CN CA CA CLM 600.250 .05040 .  Z CN CA CA CLM 600.250 .05040 .  Z CN CA CA CA CA CA CA CA CA CA CA CA CA CA	.9473439169	.11676	03651	-4.78545	.06792	23611
Z CN CA CLN 59.48						
2 CN CA CLN 2 CN CA CLN 2 CN CA CLN 2 CN CA CLN 2 CD. 250 - 110759 - 23105 - 05123 - 1105.027 - 110759 - 23104 - 10522 - 1107.027 - 110759 - 23104 - 105250 - 110759 - 23104 - 105250 - 110759 -	3	ξ	Ē	C TALF	Q. 18 TA	×
## 1821 - 18216 - 12653		12504	04606	0.85030	. (Re 11	.04340
### CAN CAN CAN CAN CAN CAN CAN CAN CAN CAN		12785	04345	£.82990	20196	02659
Z CN CA CLM 100.02010759 .23747 .04762 220.25016021 .23434 .04290 399.70919346 .23104 .05264 Z CN CA CLM 99.85919441 .23339 .05049 220.253753 .23153 .04727	•	92211	03665	-4.8872N	909201	.07309
Z CN CA CLM 100,02010759 .23747 .04762 2500,25010721 .23434 .04290 399,70919346 .23104 .05266 Z CN CA CLM 99,05919141 .23359 .05049 270,230 .23153 .04727						
2 CN CA CA CAN CAN CAN CAN CAN CAN CAN CA	,	8	é	CLTALF	CA.TBTA	×
2 CN CA CLM CA CLM 23334 .05268 .23104 .05268 .23104 .05268 .23104 .05268 .23104 .05268 .23233 .05568 .23233 .05568 .23233 .05568 .23233 .05568 .2323 .23333 .05569 .2323 .23333 .05572 .23333	•	12203	94247	-4.82369	92790	15486
2 CN CA CLM CA CLM CAPER	·	11962	54192	-4.8/1980	17616	11205
Z CN CA CLM 99.05919141 .23359 .05040 . 2017.23 .753 .23153 .04727 .		.11059	037%	-4.81980	.07111	12626
2 CN CA CLM 99.85919141 .23330 .05040 · 200.230 ·5753 .23153 .04727 ·						
98,85919141 -23350 050,099 057,093 057,093	,	ξ	ğ	CL TALF	St. TBTA	×
202, 230 1,253 ,23153 ,2727	Š	11695	SUPST.	-4.63519	.06632	-,10296
TO STATE OF THE PARTY OF THE PA		.11330	04519	-4.63200	12112.	12152
409.37020430 .23131 .05667	Ī	15734	53726	-4.63659	. 19498	.14859

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AEDC/VAS28 (1A87) -O1ET1S1-ORB/ET W R/M SRB SEPAR. (RTU160) ( 03 OCT 74 )

	REFERENCE DATA	NTA						PARA	PARAMETRIC DATA	<	
SAEF = 2690. LREF = 1290. BREF = 1290. SCALE = .	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	ZWRP II	1097,0000 IN. XT .0000 IN. YT 450,0000 IN. ZT				× Brk	MACH = 4 ALPHA = -5 CALPHA = -4 X = 399	4.520 PTOTL -5.900 BETA -4.800 CBETA 590.000		91.200 10.800
		RUN NO. 47	478/ D RN/	RWL = 5.91							
7 10.640 10.628 9.829	2 100.050 199.810 399.810	CN 17365 17474 18188	CA .23516 .23247 .2398	CLM .03576 .04042	CY 43223 42718 38480	.13212 .13032 .13032	CBL 04676 04137 03677	0LTALF -4.81390 -4.79520	CLTB TA .07593 .06702	X 299,94000 360,02000 296,78000	222
		RUN NO. 47	479/ D RN/L	26.5 = 1							
7 109.730 97.100	2 97.113 200.560 399.620	CN 17627 16791 19439	CA .23907 .23272 .23138	CLM .04063 .03461 .05272	CY 41921 41148 37664	CYN .12961 .12553	CBL 04472 04315 03723	6LTALF -4.73200 -4.79630 -4.81280	DLTBTA .05765 .17938 .06604	X 299.40000 300.06000 299.82000	222
,	•		485/ G RN/L	" '		į	<b>.</b>		,	,	
7 201.740 203.360 200.160	29.997 200.320 490.990	18052 19142 19885	.23456 .23115 .23126	.04241 .05020 .05576	39411 38682 37455	.12024 .11497 .11753	04241 03866 03725	4.83240 -4.82370 -4.82350	.03857 00639	299.91000 299.96000 299.88000	222
		RUN NO. 481/ 0	11 D RN/L	26.5							
400.390 400.880 400.820	2 99.772 199.710	CN 19147 20020 20014	CA .23272 .23140 .23157	СLM .05011 .05667 .05668	CY 37727 37429 37451	.19962 .19732 .19737	CBL 04021 03729 03731	DLTALF -4.82930 -4.82710 -4.79080	0,181A ,06533 ,04225 ,06104	X 390.0000 299.8590 2~9.87900	នេខ

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CATA:	PTOTL BETA CBETA
PARAMETRIC DATA	4.520 PTOT. -5.900 BETA .200 DBETA
	MACH = ALPHA = CALPHA = X
	XMRP = 1097,0000 IN. XT YMRP = .0000 IN. YT ZMRP = 450,0000 IN. ZT
	X
REFERENCE DATA	* 2690.0000 34.FT. X * 1290.3000 INCHES T * 1290.3000 INCHES Z * .0100
	SAEF LAEF BAEF SCALE

	2	ž	5	E C	Č	Š	ಕ	DLTALF	DL TB TA	×
96	-101.650	18783	.23313	.04541	41185	.12116	04508	.19831	-3.83649	26472
5	-2.365	19446	.23341	.04995	41903	.12416	04414	.27484	-3.94985	.09847
345	100.050	5000	.23553	.04984	42314	.12729	04291	.19299	-3.91880	.00162
	200.050	17868	.23353	.04383	40891	.12209	04079	.18673	-3.92419	01729
101.140	402,050	19252	.23158	.05279	37803	.10948	03713	•0360•	-3.96219	04227
		RUN NO. 4	4837 D RN/L	ר = 5.94						
	^	3	ð	Ğ	č	ž	ខ	DLTALF	DL TB TA	×
8	-100.120	- 19005	.23938	.04698	39789	.11786	04542	.16683	-3.93469	.07499
8	364	19816	.23495	.05475	40051	.12033	04164	.21070	-3.92890	06312
659	199.269	-,18924	.23378	.04902	45195	.12141	-,04094	.20335	-3.93220	16724
689	201.310	18409	.23283	.04576	39207	.11623	04034	.10241	-3.93899	08382
196.060	399.790	19511	.23:47	.05348	37676	.10892	03720	.13759	-3.88000	23415
		RUN NO. 4	482/ D RN/L	1 = 5.94						
	~	3	ð	Ş	Շ	Š	ಕ	DLTALF	DL TB TA	×
400.880	-130.360	20569	.23404	.06055	39363	12089	03808	.19847	-3.93180	02017
5	647-	-,19964	.23339	.05644	39071	.11924	03811	.19258	-3.82060	19491
720	99.801	19163	.23315	.05050	38586	.11549	03896	.18692	-3.86730	03743
970	199.940	19379	.23140	.05171	38020	.11128	53842	.18052	-3.93210	.01062
500	160	Phins	.23164	.05675	37439	.19736	03730	.16167	-3.91615	11728

DATE ES MAY 75

IABY TABULATED SOURCE DATA

(RTU162) ( 53 OCT 74 )

PAGE 135

AEDC/VAS28 (IA87) -OIETIS1-ORB/ET W R/M SRB SEPAR.

PARAMETRIC DATA

91.200 15.800 -4.000 PTOTL =
BETA =
CBETA = MACH = 4.520 F ALFHA = -5.900 E CALFHA = .200 C X = 300.900 XMRP = 1097.0000 IN. XT YMRP = .0000 IN. YT ZMRP = 450.0000 IN. ZT REFERENCE DATA SAREY = 2690.0000 50.FT. )
LAEY = 1290.3000 INCHES 1
BAREY = 1290.3000 INCHES 2
SCALE = .0100

7 100.590 100.570 100.730 97.236	2 -109.390 486 99.853 200.709 399.640	CN 1763 18850 17912 19683	CA .23190 .23357 .23764 .23160	CLM .03936 .04744 .04329 .04321	CY 42138 41978 40455 37499	CYN .12925 .12898 .12972 .12078	CBL 04752 04395 04203 03969	0LTALF .18437 .20144 .19352 .15106	CLTBTA -3.94000 -3.93150 -3.93710 -3.83720 -3.95870	X 299.86000 299.81000 299.86000 299.72000 299.94000
v 201.230 201.970 202.370 203.060 209.470	2 -151.245 431 195.545 495.560	CN 19316 19370 19374 19694 20426	CA .23377 .23586 .23377 .23377 .23377 .23377 .23377 .23377 .23377	CLM .05032 .05138 .04457 .05471	CY 3959 39723 39161 38349	CYN .12344 .12266 .11842 .11307	CBL 04300 04647 04092 03693	DLTALF .20706 .16237 .19117 .23021	DLTBTA -3.93260 -3.96809 -3.97330 -3.98860	X 299.93000 300.11000 300.12000 300.08000
7 400.240 399.890 399.660 400.620	2 -100.250 342 99.485 199.940	CN CN2723319717193762705527055	467/ 5 RNA. CA. -23217 -23331 -23217 -23165	L = 5.94 CLM .05824 .05429 .05161 .05676	CY 37728 37769 37590 37400	CYN .10972 .11007 .10857 .10728	CBL 03691 03832 03953 03727	DLTALF .18670 .19254 .27231 .15769	DLTBTA -3.93250 -3.90460 -3.92360 -3.95330	X 299.87070 299.83000 299.94000 3401.05000

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KI TOH

1A87 TABULATED SOURCE DATA

91.200 10.800 -4.000 (RTU163) ( 03 OCT 74 ) PTOTL = BETA = CBETA = PARAMETRIC CATA 4.529 -5.909 5.200 390.000 MACH = ALPHA = CALPHA = X AEDC/VAS28 (1A87) -O1ET1S1-ORB/ET W R/H SRB SEPAR. XMRP = 1097.0000 IN. XT YMRP = .0000 IN. YT ZMRP = 450.0000 IN. ZT REFERENCE DATA SREF = 2690.0090 50.FT. X LREF = 1290.3090 INCHES Y BREF = 1290.3090 INCHES 2 SCALE = .0199

199.539 191.939	-99.787 139 99.844 199.920 401.410	19517 19624 17612 19233	22909 .23320 .23629 .23161	.05190 .05581 .04129 .05302	CY 41447 41518 39493 37449	CYN .12312 .12429 .12082 .11653	CBL 04212 03376 03724 03729	5.18530 5.20410 5.18740 5.19380 5.11470	CLTBTA -3.92600 -3.91650 -3.91540 -3.90980	X 300.05000 300.09000 300.00000 299.92000 299.94000
Y 200.640 199.970 199.490 198.220	2 -1:00.180 -0:05 -95.957 -2:05.730 -4:00.030	CN CN CN20215194851969319693202515	489/ () RN/L CA .23299 .23492 .23255 .23166	L = 5.94 CLM .05759 .05312 .04655	CY 39365 39164 38746 37437	CYN .11932 .11863 .11535 .11135	.08L 03872 0496 03709 03730	6.18920 5.21780 5.19630 5.12110 5.14380	DLTBTA -3.92100 -3.90200 -3.91210 -3.85190	X 300.16000 300.01000 300.01000 299.75000 299.84000
70. <b>8</b> 20			488/ 5 RN/L CA .23197			CYN .15840	CBL 03687	DLTALF 5.14259	CLTB TA -3.94000	
399,480 399,670 400,490	212 99.315 195.660	19674 19894 20024	.23394 .23192 .23179	.05409	37668 37510 37429	.10941 .10773	03841 03821 03730	5.21420 5.21420 5.19150	-3.86890 -3.87690 -3.91260	299. 89000 299. 95000 299. 99000

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(RTU164) ( U3 OCT 74 )	PARAMETRIC DATA	= 4.520 PTOTL	ALPHA = -5.900 BETA = 10.800	= 5.299 DBETA	
AEDC/VAS28 (1A87) -OIETISI-CAB/ET W R/H SRB SEPAR.			.0000 IN. YT	ZMRP = 450.0000 IN, ZT	>-
		**	"	Ħ	
	٤	S A A	YMPP		
	REFERENCE DATA	<b>8</b> .FT.	INCHES	INCHES	
	REFER	2690.0000 SQ.FT.	1290.3005 INCHES	1299.3000 INCHES	0010

		RUN NO.	491/ 0 RN	RN/L = 5.94						
>	2	Š	5	3	გ	ع خ	ĕ	DLTALF	DL TB TA	×
100.260	-99.827	27551	.23141	.05827	40795	.11821	01005	5.18716	-3.90920	02089
101.469	1.915	29138	.23268	.95684	49657	.11680	54547	5.12780	-3.98500	11349
100.350	99.640	19132	.23487	.95193	40376	.11772	54537	5.19791	-3.92265	95639
100.160	199.620	:8624	.23254	.54847	39295	.11483	03915	5.15200	-3.92220	14946
100.450	399.790	19455	.23179	.05344	37542	.15814	-,03718	5.18350	-3.92880	04425
		RUN NO.	4927 S RN/	RN/L = 5.93						
<b>&gt;</b>	2	ટ	ర	Đ	ბ	Š	ë	CLTALF	CLTBTA	×
257,649	-99.627	29592	.23522	.55917	39316	.11511	03984	5.:2695	-3.90510	.02153
251.979	-1.756	19856	.23378	.05540	39237	.11565	03959	5.26150	-3.90870	.23564
252.410	7. 2. 66	19366	.23463	.55244	- 39186	.116;7	03952	5.20890	-3.98535	.25598
252.735	199,890	19137	.23183	.05067	38534	.11252	03899	5.20165	-3.98320	.16670
199.900	396.950	19724	.23183	.05456	37493	.19785	03722	5.25375	-3.86850	.13447
		RUN NO. 45	4937 D RN/	RN/L = 5.93						
<b>&gt;</b>	2	3	3	<b>X</b>	ბ	Š	<del>ව</del>	CLTALF	ી.TB TA	×
400.240	-199.149	20240	.23312	.75838	38965	.11845	53792	5.18895	-3.92350	27813
400,280	187	19909	.23280	15950	38527	.11599	53726	5.18215	-3.91969	+.53119
400.970	105.119	19126	.23285	.55932	38272	.11369	53916	5.17525	-3.97365	.03288
455,425	199.695	19846	.23152	. 45532	37679	71691.	63721	5.17435	-3.94580	.25131
400,590	399.890	20035	.23195	.05675	37427	.19732	-, 93729	5.17129	-3.94360	Se588

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( 93 OCT 74 )
(RTU165)
AEDC/VAS28 (1A87) -OIETISI -ORB/ET W R/M SRB SEPAR.

-	eccepture pata	2						PARA	PARAMETRIC DATA	
9	TA COOO COT	ii dan X	I 0000.7 <b>9</b> 01	IN. XT			MACH	11		**
SREF = 2699. LREF = 1290. BREF = 1290. SCALE = .	2690.0000 34.71. 1290.3000 INCHES 1290.3000 INCHES		.0000 IN.				ALPHA CALPH X	#    	-5.900 BETA -4.800 CBETA .000	= 15.855 = -4.059
		RUN NO. 49	4967 D RN/L	1 5.96						
							į		1010	•
•	2	Š	5	Ę	Շ	Š	ا ج	יין אַני	2 C C C C	1,6075
103.680	98.829	17664	.23622	.03788	44459	.13867	04805	-4.78770	04080 E	25450
199,219		16603	.23667	.03500	43904	.13897	04385	-4.819.7	-3.91933 -1 05240	775.02
101.479	492.679	18472	.23127	.04840	38587	.11423	93675	- 4. Wassi	51.356.5-	
		RUN NO. 49	4957 D GN/L	L 5.96						
			į	i	?	Ē	ē	CLTALF	CLTBTA	*
<b>&gt;</b>	7	3	<b>5</b>	<u>.</u>	5	2020	3	UCSE0 7-	-3.93150	.05598
200.750	100.080	17936	.23894	.04183	41110	91721.	104477	79890	-3.97170	19510
299.449	199.610	17855	23465	.05246	37979	11581	93791	-4.91220	-3,93560	06832
0.0.661	000.004	10361								
		RUN NO. 4	4947 5 RN/L	ר= 5.97						
	,	ě	3	3	ځ	Š	ខ	CLTALF	<b>CLTBTA</b>	×
<b>&gt;</b>	7	4 60 73	70116	64936	38993	.11841	03954	-4.82170	-3.86410	07919
399.545	30.5	10301	71919	54693	38430	.11439	04027	-4.80570	-3.88539	00101
495.529 399.619	400.320	20027	.23175	.05668	37437	.19745	08480**	-4.83549	-3.91285	.01569
						•	į		(57)	( 93 OCT 74 )
			AEDC/VA52	AEDC/VA528 (IA87) -OIETISI-ORB/ET W 4/M SAB SEFAR.	ET1S1-068/E		. XF.4K.			
	REFERENCE DATA	174						FAR	PARAMETRIC DATA	
							\$		4.529 FTOTL	002.16 = 1
**	2690,0006 \$0.FT.		1597.9220 IN.	×			•			"
	1299.3000 INCHES		450,0000 IN.				2	11		A = -4.909
SCALE = 1695	.0100						×		300,000	
		A .CM MUR	497/ D RN/L	ハ = 5.96						
	,	į	3	3	ځ	2	ਵੱ	CLTALF	CLTBTA	×
► .	7	2	2161	73.886	43756	13908	04496	-4.78510	-3.92230	299.92000
191.079	99.211	16376	.23263	.03248	42248	13058	04327	-4.81895	-3,82555	299.74555
99.90	399.450	19137	.23155	.05101	-,37753	.19946	93715	-4,85690	-3.91499	299.80000
		RGN NO.	498/ G RN	RN/L = 5.96						
	•	ą	ť	3	č	Č	ĕ	CLTALF	CL TB TA	×
>	~	2	21613	************	A SOOR	12362	54278	-4,83700	-3.97510	300.19999
202.890	100.249	6///-	30000	80000	38926	.11678	93817	-4.89630	-3.97785	300.29505
203.119	201.964	5.19972	6462.	08880	37593	19776	53729	-4.82800	-3.92705	299.89555
207.239	399.990	1	31363	• > > >	3					

DATE BO MAY 75				1487 T	TAST TABULATED SOURCE DATA	WRCE DATA				PAGE 130
			AEOC/VASEB (	(1A87) -01E	AEDC/VASEB (IABT) -OLETISI-ORB/ET W R/M SRB SEPAR.	K R/H SRB	SEPAR.		(810166)	( 03 OCT 74 )
	REFERENCE DATA	2						PARA	PARAMETRIC DATA	
SAEF = 2090. LREF = 1290. BREF = 1290. SCALE =	2690.0000 \$4.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRF YMRF	1997,0996 IN. XT .0996 IN. YT 459,0996 IN. ZT	* * * *			MACH ALPHA CALPHA X	* * * * * * * * * * * * * * * * * * * *	4.520 PTOTL -5.900 BETA -4.800 CSETA 300.000	= 91.200 = 10.800 1 = -4.000
Y 499.529	2 1990,091		4997 0 RN/L CA .23389	= 5.96 CLM .04929	CY 37838	CYN .11068	CBL 04039	DLTALF -4.83850		x 899.86000
399.990	199.470 451.190	29910	.23197	.05673	-,37424	.19728	03728	-4.82140 -4.59860	-3.91510 2	299,78000 300,24000
	REFERENCE CATA	¥.	AEDC/VAS28	(IAB7) -01E	AEDC/VASZR (TART) -OLETIS: -JRB/ET W R/M SRB SEFAR.	¥ ₹/# \$Æ	SEPAR.	PARA	(RTU167) PARAMETRIC GATA	( 93 001 74 )
SAEF = 2690. LREF = 1290. BREF = 1295. SCALE =	2690.0000 54.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP II ZMRI	1097, DADO IN. .0000 IN. . 450,0000 IN. 501/ 0 RVL	**************************************			MACH ALPHA X X		4.520 PTOTL -5.910 BETA .200 DEETA	10.200 10.800 1 = -8.000
PEGG, PEG EGG, 59G 199, 477 197, 95G	2 -100,130 -194 101,299 200,730	00000	34.00 34.00 35.00 39.00 31.90	98998	CY 42356 42630 41630 41630 37694	CYN .13341 .13512 .12964 .12117	CBL •.04645 •.04351 •.04130 •.04094	DLTALF .18807 .17279 .14976 .14007	DLTBTA -7.93810 -7.9660 -7.94260 -7.86770 -7.83170	x 09636 .m209 25734 36620
401.370 400.450 399.730 399.910	2 - 99 .375 - 99 .375 99 .375 99 .375 99 .319 199 .350	CN CN - 19983 - 19972 - 19966 - 19966 - 29966 - 29966 - 29966	5007 0 RN/L CA .23445 .23375 .23376 .2316	= 5.96 CLM .05603 .05506 .05015 .05116	39876 39876 38812 38169	CYN .12497 .12159 .11652 .11228	CBL -, 04042 -, 03698 -, 03901 -, 03649 -, 03727	DLTALF .13238 .11561 .26644 .22744	DLTB TA -7.96820 -7.89180 -7.83540 -7.86740 -7.91460	x .16699 11935 12561 12557

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# AEDC/VASEB (TABT) -OLETISI -ORB/ET W R/H SRB SEPAR.

(RTU168) ( D3 OCT 74 )

91.200 10.800 -8.000

PTOTL BETA DBETA

4.520 -5.900 .200 300.000

PARAMETRIC DATA

#### NEFENENCE DATA

SREF = 2690.0000 90.FT. XMMP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMMP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

### RUN NO. 5027 0 RN/L = 5.95

<b>&gt;</b>	7	3	<b>5</b>	ŧ	ჯ	Š	é	DLTALF	CLTBTA	×
202.319	-191.770	17542	.23383	57720.	41264	.13194	04646	.25547	-7.94965	300.22000
202.480	162	18900	.23515	.04836	40940	.12946	04139	.17252	-7.95380	300,28000
203.370	100.090	18948	.23374	.04285	40066	.12334	04199	.20455	-8.01329	300.34990
200.790	199.900	19437	.23172	.05331	38902	.11633	03676	.18663	-7.92500	300.06000
201.510	400.530	19999	.23219	.05638	37504	.19763	03735	.14249	-7.97120	399.21999
		RGN NO.	503/ O RN	RN/L = 5.96						
<b>&gt;</b>	~	3	ð	Š	Շ	Š	ਵੱ	CLTALF	CL TB TA	×
400.130	-100.190	20109	.23267	.05729	38194	.11372	03771	.18628	-7.92990	299.81000
100.750	668	19557	.23344	.05325	37997	.11191	03846	76522.	-7.93380	299.95070
400.600	99.240	19168	.23232	.05035	37719	10957	53979	.22383	-7.95270	399,91599
000,000	198.940	-,20047	.23297	.05681	37455	.19747	03733	.21274	-7.93420	299.91000
193.090	401.280	20054	.23241	.05686	37473	.19753	93737	.08263	-7.97380	300,09000

#### REFERENCE CATA

PTOTL BETA SBETA 4.526 -5.900 5.200 300.000 MAON = ALPHA = DAUPHA = X = 1997,0000 IN. XT = .0000 IN. YT = 450,0000 IN. ZT SAET = 2690,0000 50,FT. LREF = 1290,3000 INCHES BREF = 1290,3000 INCHES SCALE = .0190

91.200 19.899 -8.999

(RTU169) ( ris OCT 74 )

AECC/VASZB (IAR7) -OIETISI -ORB/ET W R/M SRB SEPAR.

PARAMETRIC DATA

## RUN NO. 505/ 0 RN/L = 5.94

×	299.94000	299.87000	299.585/20	390,52990	399,93999
CLTBTA	-7.91530	-7.92295	-7.88030	-7.92575	-7.93145
CLTALF	5.19120	5.18259	5.15419	5.18389	5.18349
ਰੱ	03962	73951	94938	03694	03739
Š	.12582	.12392	.11853	.11249	.15745
S	49482	40149	39382	38243	37453
ij	.05356	.95141	.54475	.05397	.05683
5	.23291	.23491	.23277	.23185	.23219
3	19607	19267	18326	.19552	29541
~	-190.319	.63€	100,600	199.710	399.734
-	200.020	199.540	196.600	200.560	270.610

CATE 20 MAY 75	ž.			1487	IABY TABULATED SOURCE DATA	CURCE DATA				PASE
			AEDC/VA5	28 (1487) -01	AEDC/VA528 (1A87) -OLETISI-ORB/ET W R/H SR8 SEPAR.	T W R/H SRB	SEPAR.		(RTU169)	( 93 OCT 74
	REFERENCE DATA	,TA						PAÑ	PARAMETRIC DATA	ATA
SAEF : 2690 LREF : 1290 BREF : 1290 SCALE :	2690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES	YINGP III	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	IN. X1			HACH ALPHA X CALF	H H H H	4.520 P -5.900 B 5.200 C	PTOTL = 91.4 BETA = 10.4 CBETA = -0.5
		RUN NO. 50	554/ D RN	RN/L = 5.94						
400.390 400.480 400.480 400.250 400.690	2 -99.375 -737 -96.969 199.520 399.930	CN 19979 19549 19700 20049	CA .23221 .23324 .23169 .23225	CLM .05647 .05334 .05405 .05683	.37873 37859 37516 37516	CYN .11975 .11791 .10796 .10726	CBL 03726 03848 03734 03725	5.12530 5.13170 5.23120 5.25120 5.20130	CLTBTA -7.92880 -7.89460 -7.69890 -7.92030	A X 299.97000 0 306.03070 0 306.10070 0 306.10070 0 306.10070 0 306.10070 0 309.19070
	REPERENCE CATA	¥	AEDC/VAS:	28 (1 487) -011	AEDCZVA\$28(IA87)-OIET!S: -C#BZET W R/M SRB SEFAR.	1 12 15.74 STB	. SEPAR.	i⊤ 74	(RTU179) Parametric data	( 13 OCT 74 ATA
3467 = 2690 -1667 = 1290 -48467 = 1290 -2646 = 1290	2690.0700 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XARP III	<b>ଞ୍</b> ଞ୍ଚି				4년 4 1년 4 1년 4	, , , , , , , , , , , , , , , , , , , ,	4.520 BB -5.900 BB -5.900 BB -5.700 DG -5.700	FTOTL = 91.2 BETA = 10.6 DRETA = -8.0
	ı	ġ		FN/L = 5.93			1	( ;		;
201.590	-101.250	CN 19675	CA .23191	CLM .05267	CY 41503	.12674	P4194	5.23450		
040'502 040'502	-1.580	19379	.23366	.05236	20007	.12339	03981	5.24980	-7.99890 -7.99750	32193
200,410	199.840	18816	.23205	.05427	36601	11381.	- 53899	5.18519	-7.92275 -7.89545	.02697 0 .02951

91.200 10.800 -8.000

-.12896 .09852 .19263 .12453

DL.TB.TA -7.93669 -7.92419 -8.01390 -7.97349

0.14LF 5.19215 5.19590 5.14390 5.16200 5.18505

CBL -.03686 -.03757 -.03928 -.53722

.12949 .11739 .11496 .11629

-.39371 -.39863 -.36536 -.37846

CLM .05713 .05605 .04963 .05466

CA .23468 .23349 .23195 .23195

CN -.275A2 -.19676 -.19727 -.2773

-,231 100,760 199,940 399,520

400.990 400.910 408.020 400.870 400.870

2 -100.2001

RN/L = 5.95

RUN NO. 5077 9

State of

91.200 10.800 -8.000

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ORIGINAL PAGE IS OF POOR QUALITY

(RTU171) ( 03 OCT 74 )	
AEDC/VAS28 (1A87) -O1ET151-GRB/ET W R/M SRB SEPAR.	

# 1280.0000 180/45		REFERENCE DATA	Y.A						PA	PARAMETRIC DATA	₹.	
The color of the		.0000 50.FT. .3000 INCHES .3000 INCHES						# 4 9 ×			PTOTL = BETA = CBETA =	91.200 10.800 -8.000
2 CN CA CLM CY CYN CBL CAGE -4.8130 -7.956 289.862 -1.6793 23521 .03299 -43910 .1431104662 -4.8130 -7.956 389.703 -1.6917 .23321 .03299 -43910 .1431104662 -4.8130 -7.956 389.703 -1.16917 .23321 .03269 -4.81910 .1116903593 -4.61460 -7.956 440.17629 -1.16724 .23249 .04751 -33839 .1116903593 -4.61340 -7.924 460.489 -1.16724 .23249 .04751 -33839 .1116903726 -4.62910 -7.924 460.489 -1.16724 .23249 .04751 -33839 .1116903726 -4.62910 -7.924 460.489 -1.16724 .23249 .04751 -33639 .1116903726 -4.62910 -7.924 460.489 -1.16724 .23249 .04751 -33639 .1116903726 -4.62910 -7.921 460.489 -1.16724 .23249 .04751 -33639 .1116903726 -4.62910 -7.921 460.489 -1.19725 .23249 .04751 -33642 .11169 .03726 -4.62910 -7.921 460.489 -1.19725 .23499 .03579 -41144 .13052 .04359 -04360 -7.926 401.170 -1.16724 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.924 401.130 -1.16724 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.924 401.130 -1.16724 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.924 401.130 -1.16724 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.964 40.130 -1.16724 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.964 40.130 -7.934 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.964 40.130 -7.934 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.964 40.130 -7.934 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.964 40.130 -7.934 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.964 40.130 -7.934 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.964 40.130 -7.934 .23131 .04776 -3.9954 .13269 .10784 -4.61410 -7.964 40.130 -7.934 .23131 .04776 -7.934 .4.63390 -7.964 40.130 -7.964 .2004 .2004 .2006 -4.6069 .7.964 40.130 -7.934 .2004 .2004 .2006 .					**							
### 1956 99.68216703167031670316703169101433017.855   ### 1951670316917133221361001361001361001361001361001361001361001361001361001361001361001361001361001361001361001361001361013624    ### 19510	•	~	3	5	5	5	ž	ಕ	OLTALF	OL TB TA	×	
The color   The	200.590	299.66	16795	.23623	.03209	43910	.14311	04682	-4.81530	-7.92640	•	13197
### NO. 508/ 0 RN/L = 5.95  T. CN	139.490	£30.49€	16917	.23321	.03850	42644	.13602	04241	-4.84950	-7.96360		23352
#MM NO. 500/ 0 RNUL = 5.95  TO CH CLTALF DLTBE LIPS	619.062	399.700	19991	.23149	.05083	36199	.11169	03693	-4.81480	-7.92970		10060
Part					**							
PARTICIPATION   101.020  18724   .23494   .04751  39397   .12089  04034   -4.89150   -7.924	<b>&gt;</b>	^	3	3	Ð	გ	Š	ಕ	CLTALF	CL.TBT.A	×	
1993-667  18511   .23248   .05839  3442   .10750  04051   -4.83350   -7.924	000.000	101.029	18724	.23494	.04751	39397	12009	04044	-4.89150	-7.92450		.12093
### ### ### ### #### #### ############	490.199	199.960	18511	.23248	.04572	38638	.11559	04051	-4.83350	-7.92430		19251
### ##################################	299.960	400,480	19972	.23209	.05639	37442	.10759	03726	-4.82910	-7.91119		.04503
### 1290.0000 59.FT. XW8F = 1097.0000 IN. XT ####################################		REFERENCE DA	174						PAG	AMETRIC DATA	¥	
Z         CM         CA         CLM         CY         CYN         CBL         DLTALF           199,220        17122         .23496         .03579        41145         .1352        04366         -4.69620           270,040        1873         .23115         .7476        3964         .12769        03619         -4.60620           270,040        1979         .23115         .7476        3964         .10764        03727         -4.66970           2         CM         CA         CLM         CY         CYN         CBL         GLTALF           2         CM         CA         CLM         CY         CYN         CBL         GLTALF           170,040        1682         .23323         .54767        39010         .11210        04062         -4.63310           199,160        1994         .23166         .35646        37433         .10724        03726         -4.60310           399,320        27115         .23195         .5664        37435         .10724        03725         -4.6029		.0000 59.FT. .3000 INCHES .3000 INCHES		1097	N. X N. X X Y Y Y Y Y			<b>ই</b> ই উ x	''5î 		PTOTL = BETA = CBETA =	91,290 10,890 -8,999
Z CN CA CLM CY CYN CBL DLTALF 1993.22017122 .23496 .0357941145 .1395204366 -4.60820 2093.04018731 .23115 .0457839964 .1276903436 -4.60820 2093.04018731 .23115 .0457839964 .1078403727 -4.68979 Z CN CA CLM CY CYN CBL ELTALF 1790.04018422 .23323 .5478739910 .1122094062 -4.63310 149.16019964 .23166 .056483736 .1972403726 -4.69310					"							
100.22017122 .23496 .0337941145 .1395204366 -4.67020 270.04019795 .23193 .0551037466 .1076403727 -4.686770 401.03019795 .23193 .0547636910 .1121004062 -4.68560 170.04016422 .23323 .5476736910 .1121004062 -4.63560 199.1601964 .23166 .056743736 .1072403725 -4.62295	•	^	ð	3	¥	č	Š	<del>ਰ</del>	CLTALF	D, TB TA	×	
ZPD.0A018731 .23115 .0477639964 .1226903410 -4.81410 401.03019795 .23193 .0551037488 .1078403727 -4.88070 .1078403727 -4.88070 .2317 0 CM CM CM CM CM CM CM CM CM CM CM CM CM	905.010	193.220	17122	.23496	.03579	41145	13052	04360	-4.80820	-7.96120		399,31999
401.73519795 .23193 .0551537486 .1078403727 -4.88970 RUN NO. 5117 3 RN/L = 5.95 Z CN CA CLM CY CYN CBL GLTALF 170.04018422 .23323 .5478738910 .1121054062 -4.83580 199.16019844 .23186 .0568437396 .1072403725 -4.80295	100.170	279.049	18731	.23115	.74778	. 39964	.12269	53910	-4.61410	-7.92935		300.00000
RUM NO. 511/ 0 RN/L = 5.95  Z CN CA CLM CY CYN CBL GLTALF 170,04018622 -23323 .5476738510 .1121054562 -4.83580 199,16019944 .23186 .0564837396 .1075403725 -4.80295	525.353	401.939	19795	\$6182.	61880.	37468	.19784	63727	-4.88979	-6,90279		300.30000
Z CN CA CLM CY CYN CBL GLTALF 1171,04018622 -23323 .5478738010 .1121058052 -4.83580 199,16019964 .23188 .0564837433 .1075403725 -4.80310 399,32027015 .23195 .0567437396 .1972403725 -4.80295					11							
100.04018822 .23323 .0478738010 .1121004062 -4.83580 199.16019984 .23188 .0564837433 .1075403728 -4.80310 399.32020015 .23195 .0567437396 .1072403725 -4.80295	•	~	3	5	*3	b	Š	€	GLTALF	CL TB TA	×	
169.140 - 19604 - 23168 - 137643 10754 - 03728 -4.60310 399.320 - 20015 - 23195 05674 - 13736 110724 - 03725	007.00	100.049	18A22	.23323	.54787	30010	.11210	04062	-4.83580	-7.93869		300.51000
06508.4- 22101 42701. 36878 47860. 28102. 21023 628.968	20.75	199.160	19984	.23186	.05648	37433	.19754	03726	-4.85310	-7,96035		299.03000
	193.100	399.329	20715	.23195	.05674	37396	.19724	93725	-4.80295	-7.94480		300.02005

NETHER DATE   NETHER DATE										(RTU173)	( 03 OCT 74	72.
Name				AEDC/VA528 ()	1 487) -01ET	181-088/ET	WL/H SRB :	SEPAR.				
1800,0000 14,57,   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,0000   N. XT   1904,000   N. XT   1904,0000   N. XT		BEFFERENCE CA	<b>1</b>						PARA	ETRIC DAT	<	
The column col			ľ									200
Table	н	0000 S4.FT.		1097.0000 IN.				F F	11 11			10.600
The color   Mark   The color	**	SOOD INCHES		MI DOOD ON				CALPH	11		1 <b>4</b> =	S.
C	H H	.3000 INCHES		439.00ca un.	<b>.</b>			×		986		
C				RNA								
190   190					;	3	2	Ē	Ct TALF	CL TB TA	×	
-100.460 -1.1996 -1.2312 -1.05449 -1.3134 -1.0716 -1.0372 -1.1776 -1.03441 -1.04616 -1.29046 -1.2911 -1.05661 -1.3139 -1.0719 -1.0372 -1.1776 -1.0372 -1.1776 -1.04911 -1.04919 -1.0572 -1.0372 -1.0372 -1.0372 -1.0412 -1.29096 -1.29036 -1.29036 -1.29036 -1.29036 -1.29036 -1.29036 -1.29036 -1.29036 -1.29036 -1.29036 -1.0412 -1.29036 -1.29036 -1.29036 -1.0412 -1.29036 -1.29036 -1.0412 -1.29036 -1.290	>	2	ž	₹	1. F. E. E. E. E. E. E. E. E. E. E. E. E. E.	5	1000	- 03704	19743	. m39.83	.11729	2
- 746 - 270046	-396.960	-100.460	18966	.23212	.05649	5756	9,201	16110	21031	34818	10210.	=
99.92020008 .22199 .0568737346 .1072903729 .16240 .07624 493.94 .02020008 .22199 .0568737346 .1072903729 .16240 .07624 493.95 .02048 .22233 .0568737349 .1072903729 .16240 .07624 .07	-399.020	749	-,29946	.23211	26950	37373	91/61	10110	17765	19441	98800.	39
199.760  20946  2233  55687  3339  1072	-399.219	99.920	90002*-	.23199	.05681	37346	01.61.	03160	2170	12470	.03847	47
The color of the	-399.577	199.760	20046	.23235	.05687	37399	26701.	00100	27634	1762A		76
C	-396.995	400.350	25939	.23231	.55686	37397	.19729	-:03163	. 105		† •	
C												
2 CN CA CA CARE				į	;	?	2	Ē	CLTALF	CL TB TA		
-99.96016613 .2346 .0482733334 .03628 .11787 .02710 .03010.16016613 .23246 .0497633134 .036799 .03628 .11787 .02710 .03016016643 .23211 .0497633134 .0998303628 .1178400764 .090769 .03628 .11787 .02710 .0399.190.160 .03991 .03721 .03121 .0312233134 .0998303735 .1745002038 .0399.190.29016643 .23211 .0312233136 .0998303727 .17891 .06786 .0998303727 .17891 .06786 .098780987909727 .17891 .06786 .098790987909727 .17891 .06786 .09879098790987909727 .17891 .06786 .0987909701109701098790987909879098790987909879098790987909701	•	2	3	5	, L		000	19760 -	16715	.06203	.00577	77
1.087 - 18575 - 12277 - 13434 - 135134 - 135134 - 130764 - 100764 - 100764 - 100764 - 100764 - 1007664 - 1007664 - 1007664 - 1007664 - 1007664 - 1007664 - 1007664 - 1007664 - 1007664 - 100762 - 118646 - 12211 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 13713 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137136 - 100762 - 137137 - 100762 - 137136 - 100762 - 137136 - 100762 - 137137 - 100762 - 137137 - 100762 - 137137 - 100762 - 137137 - 100762 - 137137 - 100762 - 137137 -	-196.475	-99.980	18613	.23446		10000-	1,060.	90360	11787	01.20	06157	57
199.29018841 .23221 .9481553319 .1987813735 .1745018738 199.29019955 .23211 .0552253840 .0998303735 .1745018738 .1745018748 .23211 .0552337196 .1061103727 .17891 .06786 .23427 .0455632258 .0892503065 .15748 .04161 .06786 .1896023427 .0455632258 .0892503065 .15748 .04161 .23347 .0989203512 .15662 .11518 .23447 .0544733777 .09892503512 .15662 .11518 .10752 .199.29018560 .19111 .23347 .0989203512 .15662 .11518 .10752 .199.29018560 .19111 .0497933947 .0989203512 .15662 .11692	-197.993	1.087	18575	.23277	ELST.		66.600	03620	14784	95764	C9165.	Ē
199-29016465 .22211 .0512253540 .1956103727 .17891 .06786 .199-29019955 .23123 .0563137196 .1061103727 .17891 .06786 .199-29019955 .23123 .0563137196 .1061103727 .17891 .06786 .199-29019950199501995019950199501995019950199501995019970	-196.893	199.169	18241	.23221	CERY	91555	10000	ANT ACT	17450	02038	06860.	S
399.700        19955        23123        5563        37190        1002           40M NJ. 515/ G RN/L = 5.96         CM         CA         CM         CA         CM         CA         CUBTA         CY         CYN         CBL         DLTALF         DLTALF         DLTBLA         CUBTA        2366        35258         .08925        03065        15748         .04161        24161         .04562        33772         .09925        03065        1562         .15118         .04161         .04161         .04161         .04161         .04161         .04161         .04161         .04161         .04161         .04161         .04161         .04161         .04161         .04162         .04162         .16162         .04161         .04162	-197.070	199.290	16685	.23211	.05122	55849	coster.	19727	17801	96786		Š
#UN NO. 515/ G EN/L = 5.96  LOS CA CLM CY CYN CBL DLTALF DLTBTA  LIDOLIDG18960 .23427 .0455632258 .0692503065 .15748 .04161  LIDOLIDG18960 .23427 .0455633228 .0692503512 .15622 .15118  SOCIETY18560 .23247 .0514733777 .0989503596 .16129 .00705  199.29018075 .23171 .0497933477 .0989503576 .16562 .11692  490.60019270 .23172 .0529336486 .1622003734 .12911 .10762  LIDOLEGO19271 .23172 .0529336486 .1622003734 .12911 .10762  2 CN CA CLM CY CYN CBL DLTALF DLTBTA  LIDOLEGO19273 .23439 .041453557 .0645102818 .1043702691 193.24 .23172 .0352934557 .0945103473 .13760 .09011 193.24 .23127 .0347333636 .0995403473 .15755 .06261  199.60018168 .23152 .0528935639 .0986803727 .16666 .03744	-194,845	399.700	19955	.23123	.5985.	8 L/C -	11:011	3,613.				
2 CN CA CLMS CY CYN CBL DLTALF DLTBTA -1000.100189801 -23327					11							
Z CN CA CA CASS - 32258				į	3	2	ξ	Ø	CL TALF	Q.TBTA		
-100.10018960 .23427 .14330542552255425552554255525542	>	2	3	5 <sup>1</sup>		13356	1000	43985	.15748	.54161	•	2
## 199.65019101 .23356 .53477 .53542 .53545 .100703 .100703 .53547 .53547 .53547 .53547 .53547 .53547 .53547 .53547 .100703 .11692 .11692 .53171 .5497933947 .5990304576 .16552 .11692 .11692 .53171 .5497933947 .5990304576 .16552 .11692 .1005.69019370 .23172 .0529336486 .1622503734 .12911 .10762 .11692 .1005.69019373 .23439 .5414535646 .5990303727 .16417 .07418 .23152 .5354933659 .6966303727 .16566 .03744 .599.60016419 .23167 .0512835639 .0968603727 .16666 .03744	-96.632	-100.100	188 <b>9</b> 0	.2342/	00000	11013	10407	03512	.15662	.15118	.16700	Ę
99.68718560 .23247 .33147 .33171 .3489933947 .3590318562 .31652 .31652 .31652 .35690336486 .36269336766 .362734 .32911 .39762 .31652 .399.29035486 .36289336486 .36229336486 .36229336486 .36229396784 .32911 .39762 .39762 .39762 .39763 .39763 .39763 .39763 .39763 .39764 .39763 .39764 .39764 .39763 .39764 .39764 .39764 .39764 .39764 .39774 .3969339767 .31656 .307744 .399.69039777 .3669639777 .36696 .307744	-192.119	<b>99</b> 0.	19101	35552	27.76	11111	NO BOL	03696	16125	.00705	\$2060.	32
199-29018075 .23171 .149793354 .162503734 .12911 .10762 490.67019377 .23172 .0352933646 .1622503734 .12911 .10762  2 CN CA CLM CY CYN CBL BLTAF BLTBTA .10691 -103.69019273 .23439 .0414535537 .0645152818 .13767 .07011 .03527566 .23356 .0539131854 .5912003473 .13767 .07011 199-62019324 .23217 .0347333636 .0966303743 .15755 .06261 399-60018819 .23157 .0512835639 .0988603727 .16666 .03744	-96.776	\$ .687	18560	.23247	/#160.	11001	Franco.	03676	18562	.11692	48845	Ç
490.60019370 .23172 .0529336486 .1162005134 .12513 .1251	-99.927	199.290	18975	.23171	6.630	- 5556	eroer:	28784	1000	. 15762		155
#UN NO. \$16/ 0 FN/L = 5.96  2 CN CA CLM CY CYN CBL DLTALF (190.69019273 .23439 .7414531654 .5912052418 .13757 .13757 .13757 .13757 .13757 .13757 .13757 .1354 .23356 .595459545957 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .14667 .146	-100.349	490,600	19370	.23172	.05293	- 36486	.1982	*0.00.	1631.			
2 CM CA CLM CY CYN CBL DLTALF ( ) 184319273 .23439 .0414530557 .0845102818 .184371942519426 .23439 .0414530557 .0845102818 .1943719456 .2356 .0539131854 .0912903473 .137601942619424 .23417 .0547333630 .0995403473 .15755 199-62018619 .23167 .0512835639 .0986603727 .16686					**							
2		,	į	:	1	5	ŧ	æ	CLTALF	0,181/		
-100.690 -11927 -23368 -15391 -31854 -1912003473 -13760 -03520566 -23368 -0539131854 -0995403607 -14657 99.95619324 -23152 -0521933856 -0996303733 -15755 199.62018164 -23157 -0512835639 -0998603727 -16686	<b>-</b>	2	E .	91716	2000	W1557	.08451	52818	.18437	02691	•	ž
.03527566 .2308 .0351 .3563 .0995403687 .14657 .9995619324 .23217 .0547333630 .0995403733 .15755 .1595.62003727 .23152 .23539 .0996603727 .16686 .3995.60016819 .23167 .0512835639 .09968603727 .16686	-37.477	-100.690	5/261	60,000	.0130	41854	2	03473	13760	1070.	.17497	197
99.95619324 .23217 .0347333650 .0366303733 .15755 199.62018164 .23152 .0521933636 .0968603727 .16686 399.60018819 .23187 .0512835639 .09686	-30.962	\$80.	27566	.23368	1600)	11000	48000	- 136A7	.14657	.96261		90896
199,62018168 .23152 .0520933800 .0968603727 .16686 399,64018819 .23187 .05128	-36.776	93.926	19324	.23217	.73473		*0660.	01714	14744	12832		.17578
99.900 - 1.000 9.000 - 1.000 9.000 - 1.0000 - 1.0000 9.000 9.000	-37.954	199.620	18168	.23152	60250	55836	60060	404 EU	16686	4720.		.00669
	-36.496	399.890	16819	.23167	.95120	35639	0.000 L			)		

(ATU174) ( 53 OCT 74 ) AEDC/VAS28(1A87)-OLETIS1-ORB/ET W L/M SRB SEPAR.

PARAMETRIC DATA

	REFERENCE DATA	NTA						FARAM	PARAMETRIC CATA	₹.
2421 : 23428 6421 : 2348 6421 : 2348 6421 : 2348	2669.0000 30.FT. 3269.3000 1MCHES 1290.3000 1MCHES .0100		1987,9999 IN. ,9999 IN. 459,8999 IN.	IN. 11			HACH ALPHA CALPHA	* * *		PTOTL = 91.200 BETA = 19.400 CBETA = .000
		RUN NO. 52	520/ 0 RN/L	1 5.96						
1	•	3		3	č	Ē	é	OL TALF	CL TB TA	×
- 3	2	F	2,222	.05637	37342	10699	03702	.17587	62690*	
	611.501	91004	Andre	75642	37349	10709	03722	.16282	.05025	
20.765	613.	5000	11272	.03649	37396	21701.	03724	.17357	.00218	
614.945-		0.000	27.2	.05682	-,37324	19794	-,93729	.17958	022161	
-307.790	399.919	05002	.23236	.05649	-,37390	12261.	9372c	.16217	00634	300.24000
		PE NO. S	\$19/ 0 RN	RN. = 5.96						
,	•	3	5	¥	ځ	£	ਰੰ	OLTALF.	CLTBTA	
- :	,		23.76	0.050	36120	19964	03533	.17446	.05236	
20.041-	201-001-	1000	2000	76070	36265	19134	03567	.12945	.11345	350,11900
20.00	626.1		23159	75550	36460	.17256	03721	.15169	.065.84	
200.00		10761	.23178	.05364	36528	.10245	03727	.16747	¥0.90	
-201.840	401.430	19961	.23149	188641	37204	.10620	93728	.11699	.17045	300.32000
		. O. N.	\$18/ G RW	847 = 5.98						
1	•	ē	3	2	ò	ξ	ŧ	CL TALF	Ch. TB TA	×
	2 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7090	17114	04715	35094	26760	03322	19269	29910	300,16000
	24		.23261	19670	35665	62660.	03530	.17467	.97147	
444 744	10E 70	19135	.23164	09250	35890	.19119	93711	.24677	.02316	
- 60	000.001	19187	10283.	50850	36154	.15142	03739	50002	.08264	•
-96.026	399.449	19530	.23150	.05376	36646	.10314	53727	.18498	S1630.	300,06000
		₹5. 5.	\$177.0 RML	رة 3.98						
•	•	3	5	100	Շ	ξ	ਵੱ	SLTALF	CLTBTA	
	216 221	50101-	23365	99870	33512	.06662	03060	11211	.97245	
126.364	010	19560	62282	5277	34160	\$1960.	03525	.15692	.05509	•
14.781		-,19266	.23175	.55449	35271	19093	<b>9</b> 69€∪"−	.16562	.96324	
-36.643	18.730	16636	.23190	68250	35426	1,000	03743	.16667	( <del>9</del> (9)	
-39.66	47.200	19362	.23170	22880	36538	10264	03739	.15610	€8∪60°	306.55990

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DATE 25 MAY PS	-			1487	IABY TABULATED SOURCE DATA	URCE DATA				PAGE 145
			AEDC/VA SE	8 (1 487) -01E	AEDC/VAIZB (IAB?) -OIETISI-ORB/ET S L/H SRB SEPAR.	gas Kin.	SEPAR.	٥	(RTU179)	( 03 OCT 74 )
	REFERENCE DATA	1.4						PARAM	PARAMETRIC DATA	•
			,	1				,	1010	
0421 : 1280	2680.0090 88.FT. 1280.3090 INCHES	TARES	1997,0000 IN. XT TY .NI 0000.	; ;			ALTA .	14 18		
	1290.3000 INCHES		450.0005 IN. 27	й. М			N NALPHA	 	5.200 GETA	4
		RUN NO. 5217 0		RM. = 5.96						
•	~	3	5	ð	ځ	Š	é	DLTALF	SLTB TA	×
-399.100	-100.520	20061	0-275.	.05689	37344	.10714	03720	5.19440	.06219	309.18000
-386.450	465	20037	90282	109601	37331	1570	03723	5.19630	50.00	300.01000
-396.470	3.2	95002'-	61282.	.05585	37353	.10712	63723	5.19550	11034	300.11000
-399.040	199.570	1,20047	23257	.05691	37375	10720	03723	5.17570	.06335	300.01000
30.00			į							
		S .ON AD	SEE/ D RN/L	ار تا <b>5.%</b>						
•	•	Ž	5	3	5	Z.	é	CLTALF	CLTBTA	×
5	-100,320	19141	78282.	.05193	36387	12101.	53614	5.1832	.09360.	399,14900
-196.649	159	19:66	66182.	.05137	35471	11244	03633	5.17660	.97124	300,25000
-197.700	96.758	:9514	.23194	55350	36622	1387	n3729	3.20565	(3) A (36	350.16000
C\$2.502-	190.950	19578	10262	.05476	36657	.15311	03726	9.50890	.10844	300.21000
-196.330	399.790	20025	.23157	.05677	-,37300	1000	-,03724	5.18380	. 553 52	\$90.090kg
		ECN NO.	3237 D RW/L	8.:						
•	•	ð	3	¥.	ઠ	ž	é	OLTALF	21.78 TA	×
27.14	-100.190	19255	63863.	90250°	25787	SAGGO.	03562	5.17280	.05404	300,01000
-1.56	1.436		.23256	10250	-, 35042	16191	03646	5.12540	.99711	299.9000
-96.348	101.390	19257	01365.	.05353	36218	.10243	03730	5.10040	2024O.	299.9700
-99.181	199.495	:932A	23233	.05359	36454	10266	03733	5.17049	.7638	350,14999
-99.177	399.640	19642	.23121	67750	36800	.15415	03720	5.17750	.07378	309.18000
		RUM NO. S	5247 9 RML	رة 5.95						
•	•	ð	3	3	દ	£	ਭ	2 TALF	SLTBTA	×
10.160	-0.670	97,61.	155.53.	16250	34361	.09433	53432	5.13745	.56946	300.07000
-30.06	139	:5620	.23259	1450.	35909	19947	93664	5.16960	.97946	300,18000
-36.972	79.76	.1906.	.23166	.05491	35791	19276	03745	5.16620	.96732	
-39.68	196.519	19172	.23:09	.05396	35994	19195	93748	\$ .22990	26.190	
-30.050	399.779	1956Z	11262.	60750	36791	.19380	03731	5.17829	.06977	300.09000

ORIGINAL PAGE IS OF POUR QUALITY (RTU176) ( 93 OCT 74 )

# AEDC/VASSB(1ABT) -OLETIS1-ORB/ET W L/M SRB SEPAR.

0421 : J309 0421 : J309 0421 : J301										
	2690.0000 80.FT. 1290.3000 INCHES 1290.3000 INCHES .0100		1097,0000 IN. XT .0003 IN. YT 450,0000 IN. ZT	# # # # # # # # # # # # # # # # # # #			HACH ALPHA CALPHA X		4.529 PTOTL -5.900 BETA 5.200 CBETA .000	71. = 91.20 A = 10.60 7A = 099
	•	RUN NO. 528/ 9	287 9 EN/L	5.97						
>	~	3	5	3	Շ	ž	é	DLTALF	CLTBTA	×
-396.890	-199.159	\$0002	71282.	.05663	37328	10697	03712	5.18150	.97263	13344
-396.425	712.	20008	.23161	.05678	37295	1,0693	93717	5.15845	.96114	98020
-397.660	99.971	\$0002	.2320	6.05679	37303	10695	03717	5.16749	. 52447	.04613
-397.600	199.790	20002	00282	.05677	37295	10690	93715	5.17600	.02570	16537
-396.840	400.390	20037	.23222	.05687	37316	110,001	03721	5.14175	.97943	.96117
		RGN NO. S	527/ G EN/L	96'5 = 1						
,	•	ð	3	<b>X</b>	5	ž	ਰੰ	DLTALF	CLTBTA	~
	7	17.00	4714	1951.07	35669	09860	93652	5.22090	11011.	97002
189.83	360 151	1961	11/1/2	CX1780	35455	19924	03663	5.19770	.12419	99767
-CF1.410				3000	16640	7007	789KU -	5.18015	.11472	57509.
-199.91	99.833	- 1 M 5 1 0	122621	066.00	46467	10.00	1.410	5.17570	. 6323	.54567
000.00	399.145	20/058	23199	.65691	37328	.19769	93723	5.19460	37.7%	.21931
		RUN NO. S	5267 S RN/L	L = 5.97						
	ı	•	į	3	?	ξ	Ē	74.5	AT 87	×
•	2	3	•	F. 7.	;		0140	4 10200	15528	16563
-100.	-100.340	5000 ·	23403	97100		19000	10350	20000	C8617	96701
-49.449	. 591	1.19271	:1862.	21000	. 3300	08:00	60601	16700	C556.	2017
9C9.94-	2.795	18451	16.55	12166	1978	69000	21220	1 5111	9204	.11862
-171.369	400.020	19697	.2363	.95465	36847	15427	63724	5.16600	-,961.91	38985
		RUN NO. 5	5257 0 RN/L	16.5						
,	•	3	3	<b>1</b>	ځ	ž	ತ	CLTALF	Ch TO TA	×
107 400	100.011	20839	.23416	.95360	31499	02160	53324	5.14350	.06790	99925
60.04	919	29106	.23267	.65515	33428	76960.	03659	5.09900	.14255	25763
444 97-	5	18826	.23250	.05353	34611	.15236	93737	5.15790	.571.86	.07514
200	P.O. 960	- 14673	. 23221	.95450	34634	.19123	03748	5.1497.1	126951	.05656
-36.723	399.725	1:266	23222	.05309	36362	15166	53739	5.16745	:040	47757

IA87 TABULATED SOURCE DATA

DATE EG MAY 75

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(RTU177) ( 93 OCT 74 )

PARAMETRIC DATA AECC/VA528 (1A87) -OIETISI-ORB/ET W L/H SRB SEFAR. X REFERENCE DATA SREF = 2690.0000 S4.FT. LREF = 1290.3000 INCHES BREF = 1299.3000 INCHES

91.200 10.800 H H H PTOTL BETA CBETA 4.520 -5.900 -4.800 HACH = ALPHA = CALPHA = X = 1997.0990 IN. XT TY - NI 0000 IN. TI = 450.0900 IN. ZT YHRP ZHRP

8

OLTB TA Շ RN/L = 5.95 RUN NO. 529/ 0 ž SCALE =

.0100

.98588 x .19597 .15238 x -. 09947 -.02570 13971 -.16296 .15192 26905 -.64523 -. 58188 CLT8TA -.91693 ე∟TB TA . ე6ე 52 .13414 .15363 .07864 DLTBTA .04956 .00597 .06710 .04537 DLTALF -4.83610 -4.82980 CLTALF -4.83000 -4.85760 -4.87960 DLTALF -4.86490 4.90120 -4.84230 DLTALF -4.80660 -4.84530 -4.84015 CBL -.03718 -.03709 -.03714 CBL -.034D4 -.03584 -.03719 CBL -.033&£ -.03623 -.03671 CBL -.03494 -.03674 -.03720 CYN .59411 .69435 CYN .09136 .09484 .09512 CYN .19694 .19679 .19688 CYN .09560 .09754 .10338 -.31637 .32597 -.32955 -.35800 -.37308 CY -.34644 -.35176 -.3681 RUN NO. 532/ 0 RN/L = 5.96 RN/L = 5.95 RN/L = 5.95 CLN .05675 CLH .04483 CLM .04528 CLM .::4958 05060 .54817 .04884 .04759 ...5048 .95675 .05444 .05671 .23210 CA .23260 .23179 23099 .23131 CA .23226 .23120 CA .23172 .23153 .23192 RUN NO. 5317 D RUN NO. 535/ 0 -.19245 -.17953 -.17996 -.19999 -.17949 -.17759 -.18435 -.18813 -.17578 -.19996 -.19671 z Š z 99.748 200.676 406.656 2 100.160 200.650 399.740 199,500 399,870 2 99.681 2 99.411 200.170 490.359 -196.439 -197.180 -198.689 -97.611 -100.050 -99.503 -38.541 -39.859 -38.550 -400.020 -399.360

ORIGINAL PAGE IS OF POOR QUALITY

CATE 2	CATE 25 MAY 75	<b>v</b> r				IA87	IA87 TABULATED SOURCE DATA	URCE DATA				PAGE	148
					AEDC/VA52	8 (1487) -016	AEDC/VA528(IA87)-OLET1S1-ORB/ET W / /H SRB SEPAR.	WI/H SRB	SEPAR.		(RTU178)	( 93 OCT 74	^ <b>*</b>
		REFEREN	NCE DATA	¥						PARA	PARAMETRIC DATA	<b>*</b>	
SREF : LREF : BREF : SCALE :	= 2690 = 1290 = 1290 =	2690,0000 S4 1290,3000 IN 1290,3000 IN	Sa.FT. INCHES INCHES	YMRP ::	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	7. Y. Y. Y. Y. Y. Y. Y. Y. Y. Y. Y. Y. Y.			KACH ALPHA X X		4.520 PTOTU -5.900 BETA -4.800 DBETA 300.000	H H H	91.200 10.800
			-	RUN NO. 5	536/ D RN/L	16.5 = 1							
ที่ที่ที่	7 -398.440 -396.940 -398.970	2 99.9 199.4 399.8	907 445 885	CN 29942 29922 29913	CA .23192 .23204 .23193	CLM .05689 .05682 .05675	CY 37303 37309 37286	CYN .10700 .10701	CBL 03721 03719 03717	f: TALF -4.82890 -4.80820 -4.82330	DLTBTA .05829 01124	X 300.03000 300.10000 300.09000	
			•	RUN NO. 5	5357 0 RN/L	ر = 5.96							
Ŧ	.198.350	100.8	679	CN 19951	CA .23118	CLM .05019	CY 36096	CYN .19976	CBL 03621	CLTALF -4.86580	5LTBTA .02580	X 300.070.005	
7 7	-199.279	399.720	729	19814	.23068	.05538	36199	.19466	53720	-4.84300 -4.82220	.060.65	390.13998	
	,	•	••	ġ	5347 D RN/L		č	į	É	i 1	Ş	,	
777	-100.490 -96.487 -96.393	2 100.500 197.960 399.620	595 965 625	18493 18969 19258	.23172 .23157 .23153	.04796 .05183 .05236	-,35159 -,35511 -,36303	.09737 .09835 .15147	.03499 03722 03716	-4.78555 -4.78555 -4.78555	.12517 .07313 .07313	X 300.24000 299.91000 300.00000	
			u.		5337 G RN/L	L = 5.96							
	<b>&gt;</b>	7		3	5	CLW	ჯ	Š	ĕ	CLTALF	0.™TBTA	×	
7 7	-38.021	200.159	20 <b>20</b>	18946	.23159	.05053	34238	.09768	03453	-4.84835	.01306 .06289	399,14999 395,12999	
٧	-39.663	450.479	2.0	:9086	23112	.05191	36146	.10090	53724	-4.85469	.59829	300.21000	

TABT TABULATED
3 MAY 75
DATE EO MAY

(RTU179) ( 03 CCT 74 )	PARAMETRIC DATA
AEDC/VAS28 (1A87) -O1ET1S1-ORB/ET W L/H SRB SEPAR.	
	REFERENCE DATA

SOURCE DATA

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1290	LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100	YHRP	. 450.0	. 990 1N	X			MACH ALFHA SALFHA X		. 5.900 8 000.2 1 000.	PTOTL BETA DRETA	= 91.200 = 10.800 = 4.000
		PUR NO.	5377.0	RN/L =	5.97							
_	2	Š	3		H.J.	Շ	Š	ಕ	DLTALF	0,1181		×
.750	-199.179	19478	.231	_	.05267	36842	.10367	03545	.18282	4.0914	5	.13381
-399.860	349	19800	.23191		.05501	36949	.10493	03657	.19132	4.0978	Č	.05521
0.020	99.630	19961	.231		.05639	-,37076	.19579	93717	.19949	4.5792	Z.	.10949
0.630	199.630	20025	.231	_	.05682	37271	.19676	03717	.19239	4.1347	5	.19911
1.190	499.329	29516	.232		.5581	37324	.19794	03719	.16249	4.67330	S	.15492
		RUN NO.	5387.0	RN/L	5.97							
	~	3	5		K.	Շ	Š	ម	PLTALF	C, 181		×
-199.170	-190.179	17569	.234		.04070	33128	.08412	03114	.16850	4.0569	·	.08052
7.280	1.257	17849	.232		04486	33224	.08951	03443	.08753	4.5363	·	.38369
060.9	150.299	17556	.23149		.04538	33973	.59490	03576	.13559	3.97259	·	04255
.620	199.830	18171	.231		04826	34922	Ω9 <b>5</b> 8Ω*	03693	.16964	4.5684	٠	.58395
CRC	200 780		CEC		, ,, ,	-				1		

(RTU180) ( 03 OCT 74 )	FARAMETRIC DATA	MACH = 4.520 FTOTL = 91.200 ALFHA = -5.906 BETA = 10.800 DALFHA = .200 SBETA = 4.900 X = 300.006
AECC/VA528 (1487) -OIETISI-JRB/ET W L/H SRB SEFAR.	RENCE DATA	56.FT. XMRP = 1097.0000 IN. XT INCHES YMRP = .0000 IN. YT INCHES ZMRP = 450.0000 IN. ZT X
	REFEREN	2690.0000 1290.3000 1290.3000 1100
		SREF = LREF = BREF = SCALE =

CL TB TA	4.04830	4.02749	4.07220 300.07000		
LTALF	18021	6		m	4.5
_	•	.1506	.17749	.18163	.17751
ෂ	03622	03796	93716	03719	03719
Š	.19564	.19588	.19643	.10693	.19791
Շ	37149	37100	37193	37303	37301
CL	.05472	.05627	.05670	.55687	.05681
3	.23183	.23110	.23121	.23173	.23195
€	19740	19924	19987	20019	29017
~	-100.120	.345	99.770	199.630	399.850
>	-396,049	-397.439	-398.970	-397,489	-399.200

RUN NO. 5457 9 RN/L = 5.95

			į	AEDC/V	AEDC/VASZ8 (1AB7) -O1ET1S1-ORB/ET W L/H SRB SEPAR.	IET181-08B/E	TWL/M SRE	9 SEPAR.	i i		( 93 OCT 74	_
		METEMENTE DATA	٠						A A	FARAMETRIC DATA	₹	
	2690.0000 1290.3000 1290.3000	DODO SA.FT. 3000 INCHES 3000 INCHES	XMRP H	1097	.000. TY .VI COO. TY .VI COO. TY .VI COO.			MACH ALPHA DALPHA		4.520 PTOTU-5.990 BETA	PTOTL = 91.200 BETA = 10.600 DBETA = 4.900	000
BCALE =	•							×	)0£ # ×			
			Š	939/ 0	RN/L = 3.96	•						
•		2	3	5	3	Շ	š	ខ	DLTALF	OLTB TA	×	
-196.580	580	-100.170	18202	.23332		35149	.09398	03364	.17193	4.03880	299.85000	
-201.530	530	1.570	18328	.23169	•	35449	.09692	03473	.12599	4.13565	300.12999	
-197.935	5	100.580	18986	.23083		35772	.09916	03679	.15551	4.03510	299.82000	
-200.510	510	400.770	19786	.23563	.05520	36904	10459	03719	.14111	4.10719	300,19000	
				AEDC/V	AEDC/VAS28 (1A87) -OLETIS1-ORB/ET W L/M SRB SEPAR.	E7181-0R8/E	7 W L/M SRB	I SEPAR.		(RTU181)	( 03 OCT 74 )	_
	_	REFERENCE CATA	T.						FARJ	PARAMETRIC DATA	*	
BAEF = SCALE =	2690,0009 1290,3000 1290,3000 1290,3000	.0009 84.FT. .3000 INCHES .3000 INCHES	1 489 Y	1097,0000 TN. ,0000 TN. 450,0000 TN.	0 IN. XT 0 IN. YT 0 IN. ZT			MACH ALPHA SALPHA X		4.526 PTOTL -5.900 BETA 5.200 DBETA 300.000	71, = 91,200 'A = 10,800 :TA = 4,000	
			Q	941/0	AN/L = 5.96	_						
•		2	3	5	C.W	Շ	Š	ಕ	DLTALF	CL TB TA	×	
-399.600	909	-100.579	19867	.23157	.05561	37185	.10617	03664	5.19970	4.10850	300.17000	
-399.129	2	632	19984	.23141	.05667	37193	.19636	03717	5.20970	4.11259	300.33900	
-400.979	979	99.741	19992	.23137	.03674	37249	.10671	03715	5.18480	4.14389	300.16000	
-396.930	930	199.640 399.960	20013	.23204	.05682	37311	.10701.	03717	5.16769	4.14120	300.15999 395.08900	
		_	CN NO.	9 6 /2+5	RN/L = 5.96							
<b>&gt;</b>		2	ટ	5	ð	Շ	Š	e e	DL TALF	CLTBTA	×	
-200.390	380	-195.319	18728	.23260	.04860	35524	6696G·	03538	5.17639	4.10359	399.17556	
-199.691	69	179	18786	.23177	.04938	35840	92660.	03606	5.17289	4.580.00	399.19990	
-198.540	540	94.528	19185	.23134	.05218	36129	.15155	93717	5.19320	4,55739	399.11998	
-201,069	16.5	198.647	19328	.23134	.05286	36311	.15161	53.721	5.21169	4.19739	399.32999	
-19A. 7AI	7.81	399.715	19927	.23156	.05613	37988	.15565	-,53719	5.18249	4.05259	299.96900	

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CATE 20 HAY 75	•			1487	1487 TABULATED SOURCE DATA	SOURCE DATA					PAGE 151	
			AEDC/VAS	28 (1A87) -OI	AEDC/VAS28(1A87)-O1ET1S1-ORB/ET W L/H SRB SEPAR.	ET W L/H SRE	S SEPAR.		(RTU162)		( 03 OCT 74	_
	REFERENCE DATA	ATA						ď	PARAMETRIC D	DATA		
8REF = 2690 LREF = 1290 BREF = 1290 SCALE =	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP H	10s7.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	IN. XT IN. YT TX. XI			¥ 4 Q ×	MACH = ALPHA E .  DALPHA = .	4.520 P	PTOTL BETA CBETA	= 91,200 = 10,800 = 4,000	000
		RGN NO. S	5447 D RN/L	ı'L = 5.95								
<b>&gt;</b>	2	8	5	5	Շ	Š	ಕ	DLTALF	DL TB TA		×	
-399.385	-199.199	19754	.23153	.05464	36951	.19472	03633	5.17850	4		.14060	
-397.875	.139 .170	19963	.23125	.05639	37964	.19558	03717	5.15500			04296	
-398.120	199.920	19995	.23165	.55678	37269	.19682	03714	5.16830	4.03030		.24121	
-398.160	400.090	20047	.23221	.05694	37329	.10702	93720	5.16210	4.02369		14933	
		RUN NO. S	5437 0 RN/L	ル= 5.96								
<b>&gt;</b>	2	8	ర	ž	Շ	Š	ē	C: TAI F	AT BT A		>-	
-201.520	-101.520	18558	.23330	.94849	33997	.09086	03489	5,23959	4.13459		36299	
-201.479	451	18317	.23255	.04905	34972	.03442	03651	5.18145	4.15250		02610'-	
-201,500	99.830	17828	.23158	.04684	34619	36960.	53611	5.17995	4.15499		17391	
-199.869	199.745	18584	.23179	.05007	35428	.59847	93726	5.16310	4.06640		52328	
-198.655	399.940	19997	.23151	.05609	37585	.19569	03717	5.18%	4.531 99		.10880	
			AEDC/VA52	!8 (I 487) <del>-</del> 01[	AEDC/VA\$28 (1A87)-OIETIS1-ORB/ET W L/H SRB SEPAR.	TWL/HSRB	SEPAR.		(RTU183)	86 )	( 93 001 74 )	
	REFERENCE DATA	.T.A						FAR	FARAMETRIC DATA	¥14		
SAEF = 2690.0000	.0000 SQ.FT.	XXXX	.NI 0000, 1001	×			3	,	100			
**			.0000 IN.				¥ ¥			BETA ==	15.690	
SCALE = 1290.	1290.3000 INCHES .0100	ZHRF	450.0700 IN.	N. 21			ğ ×	CALPHA = -	-4.805 08 -000	CBETA =		
	•	RUN NO. 54	545/ D RN/L	L = 5.96								
>	~	ž	5	3	Շ	Š	ē	() TAI F	5 ET 52	>		
-399.67 <u>9</u> -399.53 <u>0</u>	199,090	19871	.23034	.05567	36856	19455	03700	-4.83699	4.19929		.28973	
-399.070	499.379	20028	.23199	.95687	37278	.19689	93714	-4.84145	4.07035		.30855	
	Œ	RUN NO. 54	5467 0 RN/L	L = 5.96								
•	~	ž	ð	Š	Շ	Š	ម	CLTALF	CLTBTA	×		
-199.200	99.782	16591	.23105	.93712	32676	\$6980.	93247	-4.83959	4.54835		28183	
-197.010	199.080	17364	.23905	.04372	33711	.69163	03564	-4.84680	4,59775		09788	
-199.713	399.44	19172	. 23923	.55148	36194	.19919	03716	-4.83615	4.57390		.19116	

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( 93 OCT 74 )	
(RTU184)	
AEDC/VAS28 (1A87) -O1ET1S1-GAB/ET W L/M SRB SEPAR.	

																					*											
	1 = 91.209 1 = 10.809 A = 4.500		,	X X X X X X X X X X X X X X X X X X X	299.63555	399.17920	300.39000		×	299,88070	399,26999	299.88000	( 93 QCT 74 )		1 = 91.290	"	.A ≈ 8.000			×	.21491	.17166	.09764	10526	.08919		×	26428	.00933	37824	. 59174	.96933
PARAMETRIC DATA	4.520 PTOTL -5.900 BETA -4.800 CBETA 300.000		i,	CLIBIA CLIBIA	10000	4.97979	4.07365		CL TB TA	4.00990	4.09820	4.06960	(RTU185)	PARAMETRIC DATA	4.529 FTOTL		.200 DBETA	.000		€ 18 TA	8.9 <b>55</b> 0	8.19 <b>5</b> 50	8.14140	6.05720	8.57269		C), TB TA	8.03790	8.57825	7.98150	8,00015	8.08210
PARA	U 14 15 14			DLTALF	-4.82110	-4.82460	-4.82569		CLTALF	-4.84295	-4.85920	-4,82340		E FA	11	"	"	и ×		DLTALF DLTALF	.17950	.20781	.20874	. 17549	.15924		18 a 16	<b>€</b> 5 5 €	÷6.35÷•	.19712	13542	165.68
	MACH ALFHA CALFH		į	<b>e</b>	03711	03716	03719		ĕ	03455	03691	73720	SEFAR.		¥0	ALPHA	CAU	×		<u>e</u>	03253	93425	03705	03711	93712		Ą	02537	53235	63542	93632	03713
				Š	.10589	.10672	.10698		Š	75590.	.59740	.19282	AEDC/VAS28 (1A87) -01ET1S1-ORB/ET W L/H SRB SEFAR.							Š	22960.	36860.	57101.	.10349	.19681		Š	90650	.97523	.58724	91160.	15617
				Շ	37092	37251	-,37393		ځ	35133	-,35509	36569	ET1S1-ORB/E							Շ	35625	35939	36341	36659	37253		Շ	28971	39148	32032	33391	36122
	IN. XT IN. YT IN. ZT	ત 5.95		Š	.05649	.05680	.65673	n = 5.95	<b>x</b>	7.445A	.95911	.95382	18 (IA87) →31		N. X				7. = 5.95	3	.04276	.04679	.05419	.05537	.05682	า 5.95	Ť	. 12692	.04529	.14239	.04215	\$6050
	1097,0005 IN. ,0005 IN. 455,0005 IN.	548/ D RN/L		J	.23092	.23134	.23189	5477 0 RN/L	5	AFOF C	.23521	.23038	AEDC/VA52		1007, OWN IN.	.NI 0000	450,0000 IN.		S497 G RN/L	J	.23220	. 22993	.22973	. 22993	.23181	5507 S RN/L	3	.23326	.23232	.23188	.23/127	.23516
DATA	Y HARP THAP III	RUN NO. 5		ž	19957	20095	19991	RUEN NO. 5	Z	18181 -	18854	19569		CATA	BONX				S. CN WIN	z	18090	18798	19660	19791	29952	RUN NO. 5	3	15719	17289	16942	16913	19087
REFERENCE DA	2690.0000 34.FT. 1290.3000 INCHES 1290.3000 INCHES .0100			7	99.816	199.980	399.956		^	90 101	200.350	399.100		REFERENCE DA	SEAR MOON SO FT.	1290 TOOU INCHES	1290, 3000 INCHES	0010		2	-99.928	231	99.414	199.820	400.310		~	-199.189	346	199.245	199.749	399.750
u.	SAEF = 2690.0 LAEF = 1290.3 BREF = 1290.3 SCALE = 1.00.3			>	-396.729	-398.870	-398.970		,		200.050	-198.610		-	- 3500		11	11		>-	-400,930	-409,660	-499,899	-398.960	-399.620		•	-199.650	-200.430	-195.800	199.661	-290.269

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186) ( 03 OCT 74 )

(RTU18
AEDC/VAS28 (IA87) -OIETIS1-ORB/ET W L/H SRB SEPAR.
SEP.
A SR
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3KB/E1
T181-
-01E
(1487
VA 528
AEDC/
•

ž.	REFERENCE DATA	₹						PAR	PARAMETRIC CATA	<
SREF = 2690.0V LREF = 1290.3V BREF = 1290.3S SCALE = 13	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP == ZMRP == ZMRP ==	1097,0000 IN. XT .0000 IN. YT 450,0000 IN. ZT	# # # # # # # #			MACH AI PHA CALPHA		4.529 FTOTL -5.900 BETA .200 CBETA	7TL = 91,295 A = 10,809 TA = 8,000
	•	RUN NO. 55	552/ D RN/L	5.95						
>	2	8	5	Ę	Շ	Š	ಕ	CLTALF	CL TB TA	×
PAGE AGE	-100.050	18828	.23094	.Du774	36497	.10154	03380	.17986	8,05680	299.80000
	587	19518	.23911	.05280	36643	.10338	03586	.12453	8.02830	299.67000
197.420	46.934	19903	.23976	.05590	36852	.19459	03719	.15671	7.98910	299.68000
-139.730	199.800	19941	.23976	.05637	37154	.19619	03715	.17678	8.97779	299,99000
-399.500	399.670	20011	.23195	.05674	37248	.15689	03713	.17885	8.07600	300.24000
	-	RUN NO. 55	5517 S RN/L	5.95						
,	•	3	5	×	Շ	Š	ම්	<b>ELTALF</b>	CL TB TA	×
- 40 t	יונט טאין	17076	.23235	76550	33099	.08168	03028	.16954	8.01900	299.64000
080 000-	PU2. 4	17564	23172	.04075	34027	.08926	03302	10060	8.14749	300.31900
-200.050	99.914	18279	.23536	04640	34997	10560.	03697	.16431	8.57795	300.03000
-279.655	299.139	18665	.23055	.04900	-,35406	79960.	03709	.15453	8,15539	300.29000
-198.850	398.465	19537	.23042	.05358	36551	.10269	03719	.20815	8.07439	299,80000
			AEDC/VA528	) (TAB7) -O1E	AEDC/VAS28 (IA87) -OIETISI-ORB/ET W L/H SRB SEFAR.	I W L/H SRB	SEPAR.		(RTU187)	( 53 OCT 74 )
·	REFERENCE CATA	<b>4</b>						PAR	PARAMETRIC DATA	<b>.</b>
SREF = 2690.0 LREF = 1290.3 BREF = 1290.3 SCALE = .0	2690,0000 59.FT. 1290,3000 INCHES 1290,3000 INCHES .0100	XMRP = YMRP = ZMRP =	1097,0999 IN, XT ,0990 IN, YT 450,0990 IN, ZT	*			MACH ALPHA CALPHA X	' E	4.529 PTOTL -5.905 BETA 5.200 CBETA 350.000	OTL = 91.274 A = 19.899 TA = 8.999
	-	RUN NO. 55	5537 0 RN/L	56.5 = .						
		į	;	;	3	Š	ē	7 TA1 F	AT AT	>

6.15280 300.43000 6.15070 300.24000 8.15560 300.31000 8.17130 300.27000 8.07590 300.04000 5.22950 5.19950 5.19510 5.16440 5.17450 GBL -.03564 -.03514 -.03714 -.03713 .10353 .10448 .10529 .10670 -.36763 -.36836 -.37013 -.37263 CLM .05235 .05564 .05621 .05662 CA .23973 .23972 .23993 .23126 CN -.19442 -.19858 -.19989 -.29989 2 -100.840 -.439 99.545 200.100 399.930 -491,070 -495,799 -495,139 -495,889

DATE 29 MAY 75

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(RTU187) ( 93 OCT 74 )

	91.200 10.800 8.000		
	91.		X 300.28000 300.25000 300.14000 300.62000
DATA	PTOTL BETA CBETA		6.12380 304 8.12380 304 8.11279 304 8.07349 304 8.06680 304
PARAMETRIC DATA	4.529 -5.999 5.299 500.099		
PAG			5.16910 5.17230 5.23530 5.19920
	MACH ALFHA CALPHA X		CBL 03425 03561 03799
			CYN .08640 .09512 .09785
			.35046 35046 35478 35852
	x	5.95	CLM .04576 .04639 .04907
	1097,0000 IN. X .0000 IN. Y 450,0000 IN. Z	5547 0 RN/L =	23233 .23123 .23183 .23187
TA AT	XIMRP II	RUN NO. 5	CN 18327 18635 18635
REFERENCE CATA	SAEF = 2699.0000 SQ.FT. LREF = 1290.3000 INCHES SCALE = .0100		2 -100.300 233 97.490 198.560
-	SAEF = 2695.1 LAEF = 1295.3 BAEF = 1295.3 SCALE = 5		7 -201.340 -209.719 -199.500 -200.449

(R1J188) ( 03 OCT 74 )	PARAMETRIC BATA	4.520 FTOTL = 91.200 -5.900 BETA = 10.800 5.200 DSETA = 8.000
AEDC/VASZ8 (IA87) -OIETISI -ORB/ET W L/H SRB SEFAR.		MACH = ALPHA = CALPHA = X X = EX PHA = EX EX EX EX EX EX EX EX EX EX EX EX EX
AEDC/VA528 (1A87) -01E		4P = 1097.0000 IN. XT 4P = .0000 IN. YT 4P = 450.0000 IN. ZT
	REFERENCE CATA	SAEF = 2690,0000 SQ.FT, XMRP LREF = 1290,3000 INCHES YMRP BAEF = 1290,3000 INCHES ZMRP SCALE = .0100

400.110 -397.980 -400.340 -397.720	2 -100.060 -345 -345 -99.667 -199.560	CN 18952 19799 19935 29931	CA .23086 .23013 .23045 .23041	CLM .04894 .05214 .05516 .05625	CY 36023 36311 36607 3698	CYN .09938 .10146 .10314 .10526	CBL 03497 03620 03714 03719	6,1700 5,1700 5,13260 5,18550 5,17890 5,17740	8,04510 8,04510 8,03330 8,08430 7,98460 9,72180	x .16059 08005 .04867 02414 08569
-203.420 -203.420 -203.040 -199.700	2 -101.420 560 99.755 199.60	CN ND. CN - 17961 - 17616	555/ D RN/ CA .23292 .23271 .23151 .23592 .23581	FN/L = 5.95 CLM .04665 .04662 .04567	CY 30344 32247 33319 34416	CYN .0730\$ .08844 .09290 .09525	CBL -, 0.3285 -, 0.3596 -, 0.3690 -, 0.3722	5LTALF 5.21750 5.16930 5.18540 5.15670 5.15380	9, 1814 6, 13230 8, 12,60 8, 16210 8, 6530	X .53816 13751 13465 27968

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CATE 25 MAY 75				1467 14	IABY TABULATED SOUNCE CATA	URCE DATA				PAGE 155
			AEDC/VASEB (1A87) -O1ET1S1-ORB/ET W L/H SRB SEPAR.	(1467) -OIE1	1151-086/ET	W L/H SAB	SEPAR.		(RTU189)	( 03 001 74 )
-	REFERENCE DATA	7						PAR	PARAMETRIC DATA	
SAEF = E00C.0000 LAEF = 1E00.3000 BARF = 1E00.3000 BCALE = 0.0100	1290.3000 14CHES 1290.3000 14CHES 1290.3000 14CHES .0100	A PART	1007,0000 IN. .0000 IN. 480,0000 IN.	***			A LPR	" " " " " " <u>"                        </u>	4.520 PTOTL -5.900 BETA -4.800 OBETA .000	7L = 91.200 A = 10.600 TA = 6.000
		PUN NO. 5	557/ 0 RN/L	5.98						
<b>&gt;</b>	~	8	5	CLM	5	Š	Ge.	DLTALF	CL TB TA	×
000.007-	100.040	18203	. 22834 . 22870	.05371	35179	.15085	03706	4.83549	6.10169	11152
-396.490	400.250	200	23060	.05672	37247	.19671	03715	-4.83630	8.06570	07790
		2 .0 NO. 5	598/ 0 RN/L	8.5						
>	•	3	5	<b>1</b>	ò	ž	ŧ	<b>DLTALF</b>	OL TB TA	×
- EN1.570	101.000	15436	.23342	03000	29379	.07133	-,02963	-4.94580	6.12020	97773
-197,430	:95.180	15949	.23031	.93561	31471	.00195	03404	-4.86470	8.03539	25564
-200.870	399.900	16333	12622.	.04650	35329	6∪ <b>96</b> ∪•	03700	-4.84970	6.97890	14679
			AEDC/VA528	(1487) -OIE	AEDC/VAS28 (1887) -OLETIS1-ORB/ET W L/M SAB SEPAR.	BAR HAIR	SEPAR.		(RTU190)	( 03 007 74 )
	ACTUBER DATA	17.4						44.	PARAMETRIC DATA	•
94ff = 8690.	2690.0000 30.FT.	# ##OX	1097.0000 IN.				4	# (	4.520 FTOT	1. 91.800
	1290.3000 INCHES 1290.3000 INCHES .0100	H digital	.0000 IN.				₹å×	•		
			\$60/ D RN/L	5.98						
•	•	2	5	×	b	ž	ਰ	DL TALF	CL TB TA	×
-300.700	\$ .712	19702	G9622	.05499	36638	.10362	03692	-4.62340	6.03720	299.27000
-397.430	399.675	19910	23174	.05673	37248	10678	03710	7.82650	0.07650	300.06000
		FCM NO. 5	\$597 D RBN/L	z 5.97						
•	~	3	5	נו	t	ž	ಕ	CLTALF	CL TB TA	×
-196.090	191.579	17152	.23065	.03791	33725	.06615	93232	-4.87329	7.94990	299.79000
-200.340	Pm. 420	16176	98622.	.04587	24599	.09239	53640	-4.86000	0.10230	390.39990
639'261-	396.450	19274	75523.	.05175	361A4	.19050	03720	-4.80849	9.02130 9.02130	299,78000

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(RTU191) ( 03 OCT 74 )

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200	1890.0000 88.FT. 1890.3000 INCHES 1890.3000 INCHES	7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8	1097.0000 IN. .0000 IN. 490.0000 IN.	IN. YI IN. YI TX. ZI			RACY ALPHA CALPHA		4.320 PTOTL 10.200 BETA .000 CBETA	2 91.200 8 11.900 1 2 .900
		RUN NO. SO	564/ D RN	RN/L = 5.99						
	•	3	5	ā	ځ	Š	ē	OLTALF	CLTBTA	×
19.925	-\$9.799	.21369	.15664	94622	19628	.95485	52629	.12095	12741	12136
19.655	\$64	.21251	15794	03678	31514	.05406	92724	.12695	14258	.06146
11.025	99.176	\$1022.	15897	16270	28731	.04798	02999	.11446	12458	.09177
10.979	199.120	.22728	.16126	05069	28980	.05601	93262	.11184	12127	. 51427
19.716	399.630	.25317	.16298	ü6üzü*-	29864	.06552	03802	.08537	10212	.23061
		RUN NO. S	5637.0 RN	RN/L = 5.98						
	•	3	3	¥	Շ	Š	ಕ	CLTALF	CL TB TA	×
9	. 2	21016		06177	10044	0.560	- U2854	.11546	12729	14297
100.430	200	75055	19697	1001	29799	0.5266	-,02599	12081	15860	05619
2 !	360.	10110		A 600.		10750	PLOTO -	1,000	10856	38740
100.200	99.650	. 22434	26:91	0.04610	28887	68900	CASCO -	37000	10.769	00225
629.061	199.630	1.6622.	16191.		00607.		30300		0 000	
199,759	400,090	.25258	.16353	07024	29549	.06404	03749	.58261	272811-	.34167
		RUN NO. S	562/ S RN	RN/L = 5.98						
		3	5	ð	Շ	Š	ಶ	CLTALF	OL TBTA	×
701.280	-100.320	.238:1	.15579		29927	.55739	02713	.11545	14285	. 53829
200.250	399	.21922	.15821	04651	29389	.05543	02460	20170.	15102	.37629
200.115	199,790	.22712	.16579	95117	29316	50850.	03004	06920	11747	36668.
199.175	196.97	.22941	.16149	553/72	29437	.06153	03257	14529	05588	.27542
198.900	399.230	.25535	.16399	07263	29845	₩6990*	13699	.11703	24 48	.32434
		RUN NO. S	561/ O EN	RN/L = 6.00						
	~	3	3	ŧ	Շ	Š	ಕ	CLTALF	CL TB TA	×
407.480	-199.479	.23941	.16190	- ,56291	30826	.97315	03427	.12516	:1797	.41179
401.040	357	.23626	.1622\$	:16:42	31213	£1925°	03377	.11980	13998	.43789
629.670	99.439	.23721	.16246	76795	31144	.97541	53287	.12351	12157	.42429
470.540	199.320	02882.	.16278	06208	30809	50878.	03212	.11153	1.517	.44135

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REFERENCE CATA

## AEDC/VAS28 (IA87) -OLETISI-ORB/ET W R/M SRI SEPAR.

IABY TABULATED SOURCE DATA

(RTU192) ( 93 OCT 74 )

CATA
METRIC
PARANE

MET = 2090.0909 BREF = 1290.0909 0.000.000 0.000.000 0.000.000 0.000.00	2000.0000 30.FT. 1290.3000 1NCHES 1290.3000 1NCHES	H district	600	TN. XT			MACH ALPHA CALPHA X		4.529 PTOTL 9.299 BETA .000 CBETA	10 11 17	91.200 11.000 000.
7 10.764 10.069 0.741	2 021-961 085.001 1/40 085.001	CN CN CN CN CN CN CN CN CN CN CN CN CN C	CA CA .15531 .15609 .16096 .16502	7 4 4 4 0 Q	CY 31525 30963 29608 30187	CYN ,06279 ,05960 ,05710 ,06481	-,02768 -,02777 -,03728 -,03529	CLTALF .13351 .11486 .08610 .11383	CLTBTA 15011 13590 1966 04554	X 299. 89000 299. 82000 300. 05000 300. 95000	
v 103.720 101.530 170.420 101.300 100.440	2 101.160 1.331 99.635 199.440 399.620	CN CN CN CN 222775 23673 23683 24620 24696	5667 D RN CA .15603 .16023 .16185 .16195	RN/L = 5.99 CLM05388 105899 205699 305479 506517	CY 31046 30483 30483 30210	CYN .05970 .06157 .06402 .06532	CBL 02476 03022 03167 03433	0LTALF .15034 .10259 .10950 .10499	DLTBTA21113182691144112169	X 299, 84000 229, 86000 373, 15000 299, 85000	
v 201.502 202.450 202.103 203.750 201.509	2 090.001- 174.09 211.1- 090.001- 001.001- 001.001-	CH CH CH .222965 .22796 .224660 .24761 .24244	CA .15673 .16116 .16309 .16415	CLM CLM 105580 505374 505927 50696 606486	CY -,30613 -,31080 -,30763 -,30426 -,30212	CYN .06615 .07260 .07115 .06937	CBL 02676 03513 03365 03362	CLTALF .12419 .11345 .12829 .09873	CLTBTA 14322 18824 17669 11679	X 350.13000 299.91000 299.92000 300.0000 299.81000	

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CLTBTA X -.11653 299.920763 -.06543 299.99000

2000-04000 2000-04000 2000-04000

-.56582 -.13939

0,174,F .09639 .12233 .06339 .06757

..03417 -.03417 -.03283 -.03479 -.03479

CYN .06811 .06662 .06642 .06663

CLM -.06394 -.06187 -.06349 -.06293

CA .16067 .16041 .16089 .16139

CN .23988 .23712

-100.160

.23845 .24374 .23842

-.560 190.360 196.900

RIV. : 5.97

RUN NO. 568/ 0

(RTU193) ( D3 OCT 74 )

(0000 IN. XT (0000 IN. XT (0000 IN. XT (0000 IN. ZT (0000	DMF x 1097,0000 IN, XT  TMBF z00001 IN, XT  ZMRP = 450,0001 IN, ZT  ZM MO, 572/ 0 RW/L = .22505 .1595904 .22141 .1966904 .24143 .16245063 .24143 .16245063 .24143 .16245053 .24660 .16509063 .24143 .16226053 .24661 .16229063 .2422 .16219064 .2432 .16219064 .2432 .16219064 .2432 .16219064 .2432 .16219064 .2432 .16219064 .2432 .16219064 .2432 .16219064 .2432 .16219064 .2432 .16219064	T. KNMP x 1097,0000 IN, XT ES YMPF z0000 IN, XT ES ZMRP z0000 IN, XT ES ZMRP z . 450,0001 IN, ZT  RUN NO. 572/ 0 RN/L =  CN CA CLN .21441 .19669044 .22392 .15637063 .24143 .16245063 .24143 .16245063 .24443 .16246063 .24443 .16246064 .24322 .16649066 .24322 .16649066 .24322 .16649066 .24322 .16649066 .24322 .16219064 .24322 .16219064 .24324 .16219064 .24324 .16219064 .24324 .16219064	PARAMETRIC DATA	MACH = 4.520 FTOTL = 91.200 ALPMA = 10.200 BETA = 11.000 DALPMA = 5.100 DBETA = .000 X = 300.000	5.97	CY CYN CBL BLTALF BJ.1814 X	7926 1056 1056 1056 1056.	29763 .05493 52935	29632	-, 30000	5.96 CY CYN CBL CLTALF CLTBTA	4732011 .0537802562 5.1347015236 299.81070	11250524003036 5.1010012391	-,30302 .06306 -,03096 5,11060 -,13677	43 -,29433 .06435 -,03449 5,09220 -,11923 300,12000	-,30085	5.8	CY CYN CBL DLTALF DLTBTA X	- 03223 .0715402799 5.13450	. 31331 .07349 63064	1730642 .0701003279 5.0229007315 299.77000
	COMP E 1 PMRP E 1 CON ST2 CON ST2 CON ST3 CON ATA DOMP = 1 THMF = 2 ZHRP = 1 CN		7.0000 IN. XT .0000 IN. YT 10.0000 IN. ZT	RIA.			٠	-	16245 76349	ੂ ਹੈ ਜ਼ਿਲ੍ਹ	.156955347		16228 55376	.1649196443	•	RAVL =		•	•	.16311 (26117	

1

DL.814 X
-.13392 309.04000
-.11582 309.05000
-.12267 309.14000
-.09645 309.05000

9.14.F 5.12190 5.12160 5.12/20 5.596/30 5.59230

CBL -.53413 -.73299 -.93345 -.03486 -.63369

Criv .06955 .06790 .06793 .06710

CY -.30206 -.30036 -.3034 -.29881

CUH -.06312 -.0634 -.06371 -.06574

.16071 .16046 .16092 .16092

CN .24533 .23697 .24563 .24346 .23827

2 -190.349 -.243 99.526 199.739

400.600 600.830 601.650 600.630

RN/L = 5.96

RUN NO. 5697 0

91.200 11.000 .900 (RTU194) ( 03 OCT 74 ) PTOTL = BETA = CSETA = PARAMETRIC DATA 4.520 10.200 5.100 \* \*\* MACH ALPHA CALPHA X AEDC/VASZB (IAB7) -OLETISI -ORB/ET W R/M SRB SEPAR. REFERENCE DATA BREF = 1290.3000 INCHES SCALE = .0100 LREF = 1290.3000 34.FT.

. \$4325 . \$4962 . 43963 . 36132 .59723 .54160 .70662 .30400 .30400 .36204 .47619 .33017 .25594 .60970 x .R2555 X .30997 .26219 .44911 40301 -.1305a -.12766 -.11555 -,14194 -,06250 -,13622 -,07980 -,13287 -,11768 -,11481 -,19072 -.16917 -.12525 0, 18 1A -. 13424 -.17141 -.11784 Q.TBTA -.11612 -.15764 CL TB TA -.17479 CL TBTA 5.13929 5.13679 5.15649 5.09736 5.09136 5.18890 5.09280 5.05740 5.06890 5.09120 CLTALF 5.15919 \$.10220 \$.11379 \$.110780 6.13450 5.12310 5.07340 5.08960 5.11020 .03295 -.02568 -.03033 -.03274 .024% OBL -.02462 -.02634 -.03269 -.03223 -.03592 -.03199 -.0333e -.03357 -.03048 CYN .07482 .07791 CYN .05517 .04863 .04547 .05636 CTN .05493 .05059 .05265 .05773 Crn .05765 .05656 .05782 .06100 .07611 78870. -.29657 -.28474 -.28634 -.29496 -.31254 -.31254 -.31343 -.30931 -.29446 CY -.33163 -.30796 -.27995 C7 -.30242 -.2%54 cy -.31391 -.<del>2961</del> -.2934 RN/L = 5.97 #Y. . 5.% TEV. = 5.97 RV. = 5.97 -,96201 -,96287 -,96417 -.04666 CLM -.03606 -.03720 CLN -.04917 -. n4769 -.05165 -.57376 -.04940 -.05216 -.96314 -.03736 -.05604 -. 55264 -.04964 .15842 .16155 .16221 .16267 .16241 .15977 .16144 .15659 .15961 92191 .15697 .15932 .15500 .16167 .16253 16291 RUN NO. 5737 9 RUN NO. 5757 D RUN NO. 576/ 0 PUR NO. 574/ D 23085 .24034 .24271 .25062 .22573 .22996 .23991 ج 1373. .21736 ACC55. .22494 .22737 .25622 .23918 .21122 .21344 #.023 1#.129 3#.665 199.550 399.760 199.580 -39.33 786. 199.319 -. 789 99.536 -.172 100.360 PD .119 399.330 -199.509 -.079 -101.679 -45.737 100.170 100.660 101.060 105.060 P16.150 P16.150 P11.750 68.83 68.37 68.37 68.57 201.060 270.060 9.795 11.369 19.521 347.860 19.927

-.97130

.16179

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(RTU195) ( 03 OCT 74 )

SEPAR.
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	HEFERENCE DATA	1						9. A.	PARAMETRIC DATA	CATA		
SHEF = 2690. LREF = 1290. MALE = 1230.	2690.0000 80.FT. 1290.3000 INCHES 1290.3000 INCHES 11.00	KINGP H	1997.0000 IN. .0000 IN. 450.0000 IN.	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			ALPA SALP		4.528 10.288 -4.989	PTOTL BETA CBETA		91.200 11.000 .000
		RUN NO. 5	585/ D RN	RNL = 5.98								
•	~	3	3	3	5	Ē	ਵੱ	OL TALF	CL TBTA	<b>*</b>	×	
.473	\$3.514	10022	.15738	04370	1.795	95050	03004	-4.89200	07645	-	19096	
10.742	199.559	23123	.16149	05070	29931	.05761	03301	-4.90000	13945		27397	_
11.34	399.920	26252.	.16481	-,06970	-,39279	.:6768	03716	-4.91495	12917	11	.07258	
		RUN NO. S	579/ D RM	RM/L = 5.96								
>	~	3	3	3	5	Š	ਭ	<b>DLTALF</b>	Q.TBTA	2	×	
101.000	100.030	.22353	.16116	C1690	29500	.05613	03019	-4.90170	13039		900	_
130.880	199.920	. 2 Nev. 4	.10244	05522	29357	60000	03270	-4.90650	10321			
136.460	400.510	.24974	.16410	08712	01662	.0 <b>655</b> 0	03063	-4.94050	14619		07697	
		. O . S	578/ D . RML	BUL = 5.97								
-	•	3	5	ð	ઠ	ξ	e	DL TALF	CLTB1A	<u>*</u>	×	
710	100.160	95732	16053	04958	. 25251	09720.	12878	-4.8656£	19634		01724	
	200.850	.22927	.:6233	0.75270	29566	10290	03230	-4.95719	96732		42130	
197.380	399.660	90252	21491.	07004	29935	9099	<b>-</b> ,03629	₩.9091Ω	01068		11583	
		10 to 5	5777.0 RN	RN/L = 5.97								
>	~	₹	3	ð	ò	Ē	ਵੱ	OLTAL!	CLTBTA	<b>1</b>	×	
400.919	\$2.575	10827	.16279	05933	-, 31079	.97542	93317	-4.86200	:2210	52	.37916	
200.000	135.149	0. 183.	.16290	09090	30466	.07350	03233	-4.86360	7514	<b>*</b> :	.28238	
29.90	399,660	.25319	.16220	57286	39449	70170.	73614	-4.90920	0866.1-	C.	.65437	

.15

91.200 11.909 ( 93 OCT 74 ) PTOTL BETA CRETA PARAMETRIC DATA (RTU196) 4.520 10.200 -4.900 300.000 MACH = ALPHA = DALFHA = X ₹ AEDC/VAS28 (1A87) -OIETIS1-ORB/ET W R/H SRB SEPAR. a 450.0050 IN. YT # 1097.0000 IN. XT XHRP YHRP ZHRP REFERENCE DATA # 2600.0100 30.FT. # 1250.3000 INCHES LREF = 1890.3000 INCHES BREF = 1290.3000 INCHES

9199

SCALE =

-.11734 299.96000 -.06680 299.86000 -.14814 300.07900 CL TB TA DLTALF -4.90820 -4.88640 -4.94130 CBL -.03111 -.03335 -.03500 CVN .05926 .06592 -.30**678** -.30169 رم -.30211 RN/L = 5.98 RN/L = 5.98 CLM -.9930 -.03791 +.0690.-CA .16115 .16197 .16428 RUN NO. 5827 0 RUN NO. 581/ 0 .24137 .24917 2 !00.160 199.445 405.515 9.249 10.637

299.83000 299.94000 299,91000 CLTBTA -.05557 -. 18274 -,10618 DLTALF -4.92370 -4.89740 -4.90130 CBL -.03290 -.03445 CYN .06481 .06765 -,30696 -,30454 -,30329 -,95767 -,06367 ij .16475 .16197 .16153 .24626 .23831 .25183 101.220 199.670 399.890 101,030 100.430

CLTALF -4.89190 -4.84120 -4.87120 CBL -.93293 CYN .07236 CY -.30886 RN/L = 5.97 -.95727 3 .16358 RUN NO. 5437 D .23365 z

RN/L = 5.98 RUN NO. 5847 D

-.14795 -.11878 CL TB TA 0LTALF -4.90450 -4.93580 -4.94150 CBL -,03271 -,03450 -,93412 .06588 .06579 -.29837 -.29749 CLM -.06081 -, £62MO -.06521 .16179 CA .16109 .13187 .24309 CN .23687 .23956 499.189 2 99.950 200.480 400.490 450,550

299.89000

299.17000 390,93990

299,99000 299,79000 300,06000

DLT81A

-,15:64

-.94569

-.03370

.07043

-.30529

-.06563

-.57174

.16119

.16394

.24546 .25061

199.690

202.970 202.970 196.800

99.764 398.900

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(RTU197) ( 93 OCT 74 ) AEDC/VA528 (1A87) -OIETISI-ORB/ET W R/H SRB SEPAR.

FARAMETRIC DATA

		REFE	REFERENCE DATA	*			u.	FARAMETRIC DAT	7 P
ĮL,	11	2690.0000	Sa.FT.		••	1097.0000.1v. xT	MACH = 4.525	4.520	F.10
Į.	"	1290.3999	INCHES		11	YMRP = .0000 IN. YT	ALPHA =		8
ĮL,	н	F = 1290.3500 INCHES	INCHES		11	459,0000 IN. ZT	CALPHA =	199	
Ä	tř	6199					" ×	900.	

3,300	.5199		N. Cooperate	17 ·N:			CALPHA			BETA = 11.000 DBETA = -4.153
>-	^	RUN NO.	587/ 9 RN	RN/L = 5.97	5	2	Ē	₩ ₩	23 AT 8T	×
100.569	-99.882	.25186	.15613	97132	33283	.06591	03181	11701	-4.13719	•
199,439	244	.21969	.15638	54422	32021	.05969	92754	13399	-4.15675	-,14491
195,980	99.860	.23382	.16192	05230	29774	.05591	03986	19127	-4.14585	•
199,650	199.670	.23693	.16236	-,95747	29255	.95974	-,93311	.09467	-4,19799	
191,969	490.785	.25334	.16334	97552	29672	.06428	63762	.05855	-4.19569	.61441
>	~	RUN NO. 3	5867 D RN	RN/L = 5.97	5	ξ	ē	tı ₹ 7	27 41	>
200.630	-100.239	.23827	.15548	56149	30872	.06217	02683	.13177	-4.14100	.03288
299.249	132	.22533	.16006	04995	-,35619	.06263	52595	.12801	-4.12885	,
199.030	192.759	.23498	.15091	05618	29772	.06512	43152	-,00526	-4.04415	32298
198.820	255.385	.23400	.15223	05555	29525	.96133	93288	96660.	-4,05355	·
250.250	399.810	.25626	.16398	97251	29821	.06548	03699	.58419	-4.09799	
		RUN NO. 5	\$857 G RN	RN/L = 5.97						
۰	2	3	ð	£ CL≇	Շ	N U	ยี	CLTALF	CLTB TA	×
399.500	-99.935	.24911	.16157	96335	-,39906	.97241	03353	56565	-4.06119	03991
400.460	646	.23755	.16247	(16/197	31454	.97681	-,03375	.13334	-4,19779	
499.769	99.686	.23922	.16281	56192	31392	29920	03334	.11139	-4,12549	.34331
491.169	199.135	.24098	.16285	06287	31924	.07392	93231	12236	-4.13259	
499.240	000									

PAGE 163

(RTU198) ( 03 OCT 74 )

# AEDC/YAS28 (IA87) -OLETISI -CRB/ET W R/H SRB SEPAR.

ATA  XOMRP = 1097.0D9  YMRP = .000  ZMRP = 450.020  ZMRP = 450.020  CN CA .24131 .15657 .24233 .16159 .24233 .16159 .24233 .16159 .24286 .16222  CN CA .23411 .15833 .24566 .16266 .24344 .16113 .24394 .16113 .24394 .16113 .24394 .16113 .24394 .16113 .24394 .16113 .24394 .16113 .24394 .16113 .24394 .16113 .24394 .16113	PARAMETRIC DATA	X	IN/L = 5.98  CLM CY CYN CBL DLTALF DLTBTA X0636432459 .0667302848 .04964 -4.18630 299.780000602632092 .0665803108 .11687 -4.13640 299.980000568631270 .0666203143 .11618 -4.13380 390.190000651230406 .0666903414 .11000 -4.11890 299.730900661830201 .0660903411 .10208 -4.11890 299.73090	#WL = 5.97  CLM CY CYN CBL DLTALF DLTBTA X0591731255 .07709502864 .13457 -4.12670 390.020000359631752 .0764003392 .13913 -4.15250 370.160700617831976 .07267033273 .11338 -4.12759 299.940200679330346 .0690603393 .10527 -4.11259 370.000200658130350 .0697003370 .14071 -4.08680 299.94020	FAVL = 5.97  CLM CY CYN CBL DLTALF DLTBTA X -,16272 -,30381 ,07090 -,03460 ,09495 -4,11430 299.83000 -,16148 -,30234 ,06943 -,0324 ,1463 -4,18680 310.13090 -,16148 -,30798 ,06840 -,03296 ,09459 -4,14460 310.01000
ATA  XMRP = YMRP = ZMRP = ZMRP = ZMRP = ZMRP = CN .24131 .24233 .23939 .24988 .24888 .24988 .24988 .24988 .24988 .24984 .25391		.0000 IN. XT .0000 IN. YT .0000 IN. ZT	RN/L = 5.98 CLM CLM 565706364 502906026 515905686 553606512	RN/L = 5.97  CLM 183305917 11130558 226906178 441306581	FM/L = 5.97  CLM 11506272 - 009906148 - 11206271 -
	REFERENCE DATA		200	\$685 2	595/

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AEDC/VAS28 (IA87) -OLETISI -ORB/ET W R/H SRB SEPAR.

(RTU199) ( 03 OCT 74 )

91.299 11.999 -4.199

	DATA	FTOTL BETA CBETA
	PARAMETRIC DATA	= 4.529 = 10.209 = 5.100 = 300.000
	_	
		MACH = ALPHA = CALPHA = X
AEUCY VANCONT NOTATION OF THE STATE OF THE S	REFERENCE DATA	SREF = 2690.0000 30.FT. XWRP = 1097.0000 IN. XT LREF = 1299.3000 INCHES YWRP = .0000 IN. YT BREF = 1290.3000 INCHES ZWRP = 450.0000 IN. ZT SCALE = .0100

>		ž	5	CLN	ሪ	S S	æ	DLTALF	CLTBTA	
0.050	-199.139	.23309	.15669	05617	33357	.06960	02638	5.14349	-4.16239	
76.0	523	.24603	.16199	06121	32142	.06565	03119	5.11080	-4.13310	
0.760	99.769	23691	.16210	05353	30630	.06259	03047	5.11679	-4.14330	299.98000
070.1	199.735	.25338	.16473	96774	29979	.06441	03501	5.09090	-4.12999	
199.599	400.549	.24383	.16244	06515	-, 30066	.06758	03379	5.08740	4.12290	
		RUN NO. 59	5927 D RN	RN/L = 5.96						
,	•	ð	đ	<b>X</b>	Շ	Š	é	CLTALF	<b>DLTBTA</b>	×
	7 001	22018	1,5001	154.89	32054	.07542	02701	5.14370	-4.17519	300,03000
707	634.651	23753	16188	95974	32979	.97763	53114	5.12729	-4.01790	299.77000
	66.0	24174	16359	56184	35951	.07135	63, 16	5,10800	-4.11455	356,0350
2000	200.66	25320	.16493	97965	35389	.06888	93467	5.11265	-4.02750	299,78035
200.610	397.520	.24393	.16189	96581	39277	.56927	-,03367	5.17645	-4,11229	350.17599
		RUN NO. 59	591/ Ü RN	RN/L = 5.97						
•		3	3	ð	გ	Š	ĕ	DLTALF	OLTBTA	
8	100	7.50.57	.16116	56311	35719	.07322	53445	5.15595	-4.08460	
240	766	24/22	.16113	96281	30492	.07139	03319	5.11485	-4.11589	
	169.00	24216	.16158	96465	35315	68690	93336	5.15759	-4.13815	396,95990
000	199.490	.24630	.:6199	06897	30177	::6955	53528	5.13150	-4.09770	
				0000	1.000	0000	20440	100000	SCELL VI	200 000

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1A87 TABULATED SOURCE DATA

(RTU200) ( 03 OCT 74 )

PARAMETRIC DATA

FACE 165

## AEDC/VAS28 (1A87) -OIETISI-ORB/ET W R/M SRB SEPAR.

	REFERENCE DATA	4						PARA	PARAMETRIC DATA		
SAEF = 2690.0000 LNEF = 1290.3000 BREF = 1290.3000 SCALE = .0100	.0000 54.FT3000 INCHES .3000 INCHES	X X X X X X X X X X X X X X X X X X X	1897,9999 IN. XT .0009 IN. YT 459,9999 IN. ZT	* * * * * * * * * * * * * * * * * * *			MACH ALFHA BALFHA X	H 11 H H	4.520 PTOTL 10.200 BETA 5.100 DBETA .000	= 91.290 = 11.900 = -4.100	000
		RUN NO. 59	594/ D RN	RN/L = 5.97							
<b>&gt;</b>	2	S	(A • £408	CLM CA951	CY - 33692	CYN .16315	CBL 02520	DLTALF 5.14350	DLT8TA -4.03719	x .58720	
199.179	-150.629	22122	15785	04337	31912	51550.	02713	5.13149	-4.13560	.51798	
199.989	99.488	.22961	.16122	04863	28663	.95979	03051	5.10385	-4.09300	.49482	
199.639	199.415	.23974	.16223	05357	28711	.05731	03291	5.09745	-4.09460	.45984	
100.990	399.840	.25206	.16285	97638	29486	.06343	93738	5.08145	-4.19559	.47378	
		RUN NO. 59	5957 G RN	RN/L = 5.97							
1	,	ą	5	<b>3</b>	č	Š	ಕ	DL TALF	DL TB TA	×	
- 65	7	90026	14778	1.05583	31576	.06478	02457	5.14330	-4.15499	.37574	
200.53	-1:50.360	01010	05.51	1,05254	39587	.06114	52714	5.11990	-4.13620	.39953	
202.439	1921-	31003.	16167	- US45A	29497	.55720	03584	5.54660	-4.11225	.55468	
000.103	020.001	93159	16253	05303	29353	87650.	03193	5.04390	-4.14435	.46277	
200.620	399.520	.25678	.16350	57349	29753	.06526	-,03715	5.08150	-4.09735	. 53559	
		RUN NO.	596/ 0 RN	RN/L = 5.97							
	,	ĕ	č	<b>X</b>	č	Š	ਰ	PLTALF	CLTBTA	×	
<b>-</b>	7	23044	16143	-,76281	31373	.97467	03257	5.05300	-4.02830	39735	
390.149	556.16-	7,000.0	16225	F. F.622.8	31873	57876.	03361	5.09520	-4.12850	.41155	
400.660	196	10117	16270	76349	31581	612770.	03330	5.11569	-4.11590	.28022	
699.250		54745	0.301.	6199	31046	.97351	03216	5.11969	-4.11299	.41239	
400.200	399.900	.25363	16202	97326	30568	.97152	03691	5.09470	-4.10890	.28355	

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PAGE 166 03 OCT 74 )

(RTUEG1) ( 03 OCT 74	
AEDC/VASP8(1A87)-OIETIS1-OAB/ET W A/M ORG SEPAR.	

	REFERENCE DATA	<b>∠</b>						9 ARA A	PAKAMEINIL DAIA		
SAEF = 2690. LREF = 1290. BREF = 1290. SCALE = .	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	A CARACTA A CARA	1097,0000 IN. 10000 IN. 450,0000 IN.	IN. XT IN. XT TY. ZT			MACH ALPHA DALPHA X		4.320 PTOT. 10.200 BETA -4.900 DBETA .000	L = 91.200 = 11.090 A = -4.100	888
	_	RUN NO.	599/ S RN	RN/L = 5.97							
,	•	č	5	ž	Շ	Č	න්	DLTALF	CLTBTA	×	
- 65		24410	16/34	05303	31099	.06256	03099	-4.90050	-4.13500	.02626	
039.001	200	24149	16259	06139	30409	.06500	93376	-4.91070	-4.11140	.09655	
199.649	399.730	.25203	16399	-, 16848	-,30084	.06656	03662	-4.91460	-4.101.85	15589	
		RUN NO.	5967 D RN	RN/L = 5.97							
,	•	ð	5	2	5	Š	ಕ	CLTALF	DLTBTA	×	
- 1	3	TORES.	16127	04440	30172	.06292	03032	-4.89530	-4.11629	07121	
100 600	201 440	53555	16201	05711	-,30040	.06450	03391	-4.97490	-4,09890	.00387	
500.170	399.930	.25319	.16419	06985	29979	06990*	03621	-4.91450	-4.15459	11335	
		RUN NO.	597/ 0 /768	76.5 = JAN							
			•	;		į	ē	<u> </u>	AT 8T .C	×	
<b>&gt;</b>	7	Z	<b>Y</b>		,	CTN DYE 64	01184	A 84420	-4.057.00	26259	
399.500	59.103	06952.	1628/	86!!O!!.=	31109	07475	53283	-4.88660	-4.09830	14761	
399.710	399.660	.25497	.16248	97498	30628	46170.	03625	-4.90116	-4.97289	-,00659	
			AEDC/VAS	aedc/vaseb (1abt) -Oietisi-Orz/et w R/H SRB separ.	:T181-0R3/E	T W R/H SRB	SEPAR.		(RTURGE)	( 03 OCT 74	_
	REFERENCE DATA	47.						PAR	PARAMETRIC DATA		
			W 0000 F00+	2			Ş	11	4.523 PTOTL	L = 91.250	3
	2690.0000 36.41.	LEGEN					¥.	"		"	Ş
LAEF # 1290. BREF # 1290. SCALE #	1290.3800 INCHES 1290.3000 INCHES .0100		450.0000 IN.				i d ×	m 			8
		RUN NO.	6007 0 Rh	RN/L = 5.97							
,	,	ě	į	3	5	٤	ē	PLTALF	C_TBTA	×	
<b>\</b>	7	24608	16180	0622	31AAB	26890	-,03342	-4.96550	-4.18449	300,09000	
170.690	199.670	.25036	.16445	96530	31278	.07152	-,03424	-4.90150	-4.12800	300.06000	
100.680	400,000	.25976	.16198	-,97949	30261	.06824	03503	-4.95895	-4.12/56/1	(A)(1) 8.682	
		AUN NO.	6017 U R	RN/L = 5.97							
	~	85	3	N)	გ	S S	ig S	SLIALF	CL 78 TA	×	
271.270	199.710	.24150	.16266	06289	31260	.07423	93369	-4,36290	-4.12620	300,07600	
200.900	199.915	.24838	.16393	06720	30578	.07013	53421	O#### *-	-4.15870	299.95000	
200.430	399.980	. 24452	. 16159	07055	34527	040451		- FE . F	-4.11110	200207000	

ergen 4

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-4.11690 299.83000 299.94000 300,63000 -4.18125 -4.15590 CL TB TA -4.99389 -4.88610 -4.98219 DL TALF -.03456 -.03303 AEDC/VAS28(IAR7)-O:ETISI-CRB/ET W R/H SRB SEPAR. .06762 .06780 .06565 CY -.39914 -.29989 RN/L = 5.97 -.06194 -.06600 -.06253 .16133 .16143 ð .23867 .24497 .23889 2 99.875 199.579 400.685 400.640 400.600 400.930

RUN NO. 602/ 0

( 03 001 74 )

(RTU293)

91.200 -8.100 0 0 0 FTOTL CBETA 8ETA PARAMETRIC CATA 4.529 10.299 .150 CU. MACH = ALPHA = CALPHA = X = 1097.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT Y TARP ZMKP 2690.0000 SQ.FT. 1290.3000 INCHES 1299.3000 INCHES LREF = SCALE = BREF SEF

REFERENCE CATA

-. 06430 .12,00 .90327 -.12149 -.24620 -.15349 .95515 -.76559 -.13555 -8.14219 -8.13945 -8.12265 -8.57945 -8.13514 -8.11555 -8.12119 -8.09210 OLTBTA -8.09870 CL TB TA -8.10130 .12501 .11803 OLTALF .09652 .58394 CLTALF .15795 .15661 -.93931 -.92765 -.93997 -.03586 CBL -.5333Ω -.03387 -.03268 -.03652 -. f3264 -.03347 .07016 .07188 .06679 .06386 CYN .97296 .97651 .92776. .07447 -.31019 -.32637 -.31202 -.39716 -.29837 -.31699 -.32794 -.30097 -.31674 RN/L = 5.97 RN/L = 5.97 -.05532 -.06118 CLM -.06603 -.06277 -.57654 -.05905 -.57219 -. 96297 -. (16359 -.57652 .15948 .16298 .15448 .16192 .16363 .16125 .16190 .16273 .16248 6047.5 RUN NO. 6937 9 .24424 .24342 .23562 .25635 .24137 .24245 .25776 AUN NO. 199.735 399.865 -1.955 -,979 -100.120 99.498 -190.149 199,661 399.630 200,729 200.600 201.020 200.940 400.810 490.349 490,490 401.469 399.830

CATE 20 MAY 75

AEDC/VAS28(1A87)—OIET1S1—OFB/ET W R/H SRB SEPAR. (RTU2G4) ( 03 OCT 74 )

		REFERENCE CATA	4						FAR	PARAMETR IC	CATA		
SREF LREF BREF SCALF	10 10 11 II	2691.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	X X X X X X X X X X X X X X X X X X X	1097,0000 IN. YT .0000 IN. YT 450,0000 IN. ZT	N. XI			MACH ALPHA SALPHA X	#7 M 18 11 11	4,520 16,200 ,100	PTOTL BETA CBETA		91.200 11.000 -8.105
			RUN NO. 69	6057 0 RN	RNL = 5.98								
	•	•	ž	3	¥ d	Ն	Š	95	CLTALF	OLTB TA		×	
	100	-100 270	24340	15795	06662	32513	.07596	02955	.15206	-8.10965		390.24999	0
	200.980		.24118	.16296	56232	33040	.98183	03132	.13217	-8.14889		299.94000	c
	200 790	98. 87B	.25994	.16294	56814	31945	57775	93364	.11187	-8.12959		299.92500	c.
	200.050	1.49.729	.25225	.16359	06914	-, 39668	.97921	03414	29790.	-8.11820		299,96000	<b>C</b>
	2011.760	399.585	.24558	.16299	<b>\$</b> 6990'-	35469	52625	-,03381	.10042	-8.1961 <sup>3</sup>		299.88090	<b>-</b>
			RUN NO. 65	6.067.0 RN	RN/L = 5.97								
	,	•	ž	5	¥.	Շ	Š	CBL	CLTALF	OLTB1A	<b>4</b>	×	
		ישור ניטור	24164	16147	05496	30817	.97479	03563	.09614	-8.115		390,02900	_
	000	891	23044	.16155	(76239	-,33679	07395	93351	10046	-8.11555		300,000,000	c.
	400 360	27 BG	.2412:1	.16126	56377	30455	08070,	93311	.15272	-8.11179		299.97500	17.
	464 110	200 110	26812	.16135	06942	39371	.07561	93539	92986	-8.13320		299,98000	<i>e</i> .
	400.740	299.520	.23844	.16113	-,06203	297ūA	.06557	03380	.58801	-8.14369		300,06000	<b>.</b>

FARAHETRIC DATA	MACH = 4.520 FTOTL = 91.200 ALPHA = 19.200 BETA = 11.009 CALPHA = 5.10° COETA = -8.100 X = 300.0°°
REFERENCE DATA	SREF = 2690.0000 SQ.FT. YMRP = 1097.0000 IN. XT LREF = 1290.3000 INCHES YMRP = .0000 IN. YT BREF = 1200.3000 INCHES ZHRP = 450.YMM IN. ZT SCALE = .0100

(RTU205) ( 03 OCT 74 )

AEDC/VASZR (TART) -OLETISI -ORBZET W RZH SRB SEFAR.

•	2	3	3	CLN	Շ	Š	đ	CLTALF	2LTBTA	×
201.580	-100.590	.23396	.15887	05850	33434	96080.	02658	5.17000	<u>-8,21150</u>	
200.650	247	.24465	.16233	06431	33132	.08234	-,93149	5.12399	-6.14389	
209.120	99.325	.24895	.16337	06683	31734	.97569	03277	5.11667	-F.11420	
207.595	109,610	.25575	.16393	(17177	3/1549	06930	03491	5.19503	-8.19679	300.04990
199.367	197 795	.24541	.16271	75667	39374	87690.	-,43365	5.17850	. 3.12579	

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PAGE	
1487 TABULATED SOURCE DATA	
DATE 20 MAY 75	

		SON NO.	DOY D RN/L							
<b>&gt;</b>	~	3	5	J.	Շ	Š	ਭ	CLTALF	CL TB TA	×
008.00	-190.420	.24087	.16154	06333	31118	.07652	03495	5.10320	-8.19629	300.00000
99.479	033	.24197	.16179	96348	30906	.07449	03338	5.09190	-6.97979	299.98000
99.449	99.770	.24360	.16128	96542	30668	.07224	03318	5.09700	-8.09250	299.88000
01.639	199.640	.25549	.16999	97129	30490	.07159	93579	5.12960	-6.13350	300.12000
00.649	399.900	.23877	.16116	96216	29709	.06556	03378	5.09710	-8.11919	300.11999

47	PTOTL = 91.290 BETA = 11.000 DBETA = -6.100
PARAMETRIC CATA	4.520 11.200 5.1.0
	HACH ALPHA :: DALFHA :: X
	= 1997,9999 IN, XT = ,0930 IN, YT = 450,9999 IN, ZT
	H H U
<b>.</b>	XMEP YMEP
REFERENCE CATA	SART = 2690,0000 50,FT. LREF = 1290,3900 INCHES BREF = 1290,3900 INCHES SCALE = .0100
	H H H H
	SKALE SKALE SKOT

AEDC/VAS28 (IABT) -DIETISI-ORB/ET W R/H SRB SEFAR.

(RTU206) ( 03 OCT 74 )

		PEN NO.	609/ O RI	RNL = 5.97						
•	~	ટ	5	CCM	5	ξ	ŧ	CLTALF	CLTBTA	×
200.990	-100.240	.24393	.15629	96323	-,33606	.07264	92571	5.13840	-8.16170	39036
200.780	456	.23629	.16912	05652	32035	.06653	:12779	5.13960	-8.15320	.49179
200.765	99.64	.24351	.16253	-, 55995	39074	.05965	03139	5.11210	-8.12510	.45188
200.449	201.030	.23396	02291	05367	29325	.05673	93177	5.01300	-8.97939	.44755
230.560	399.657	.25679	.16334	07295	29725	.06457	03695	5.09360	-8.15879	147941
		RUN NO.	615/ D RN	PHUL = 5.97						
>	~	3	3	5	b	£	ಕ	CLTALF	CLTBTA	×
400.600	-100.420	.24918	.16139	96355	31808	.07634	03204	5.11790	-6.13260	.57369
470.270	101	121124	90291	- 06328	32142	11670.	03315	5.11980	-6.12369	.43339
400.900	<b>19.223</b>	.24417	16256	06468	31928	.97851	93374	5.15419	-6.16910	.43497
400.330	199.620	21112	. 16300	06426	31278	.07445	93226	5.11330	-8.13290	.28612
399.593	399.841	.25677	.16200	97561	39673	01240	03631	5.19300	-8.06850	.29673

REFERENCE DATA

AEDC/VAS28 (1487) -OIETIS1-ORB/ET W R/M SRB SEPAR.

:

(RTU207) ( 03 OCT 74 )

PARAMETRIC CATA

MACH = 4.520 FTOTL = 91.200 ALPMA = 10.200 BETA = 11.000 CALFMA = -4.900 CBETA = -8.100 X = .000		CBL CLTALF CLTBTA X -,03143 -4,86730 -8,11320 -,31315 -,03407 -5,00510 -7,99790 -,29660 -,03606 -4,91260 -6,10660 -,13429
	5.97	CY CYN -,32225 ,07344 . -,31315 ,(?131 .
XMRP = 1097,0000 IN, XT YMRP = ,0000 IN, YT ZMRP = 450,0000 IN, 21	RUN NO. 612/ 0 RN/L = 5.97	CN CA CLM .2435 .1614906195 .25106 .1621406814 .25476 .1635617745
SAEF = 2699,0000 50.FT. LREF = 1290,3000 INCHES BREF = 1290,3000 INCHES 9CALE = .0100		7 Z Y 199.090 99.949 197.010 ZIZ.272 DIG.272 ZIZ.272 Z

-.13111 .04904 -.01378 CLTBTA -8.11680 -8.08070 -8.08200 6LTALF -4.89900 -4.95670 -4.91550 CBL -.03449 -.03353 -.03636 CYN .07756 .07568 -.31606 -.31336 -.30770 FN/L = 5.97 CLN ..06253 -.06366 -.07574 CA .16291 .16341 .16285 RUN NO. 6117 5 CN .24099 .24280 2 99.986 205.405 399.850 499.639 491.069 499.039

AEDC/VAS28 (IA87) -OIETISI -ORB/ET W R/M SRB SEFAR.

( 103 OCT 74 )

(RTUZOR)

FARAMETRIC CATA	MACH = 4.520 PTOTL = 91.200 ALPHA = 10.200 BETA = 11.000 DALPHA = -4.900 DBETA = -8.100 X = 300.000
MEFERENCE DATA	SARET R 2690,00001 SQ.FT. XMRP R 1097,0000 IN. XT LRET R 1290,3000 INCHES YMRP R

		Se NO.	613/ 9	FN/L = 5.96	<b>3</b> .					
7 7 801.540 9 900.750 199 199 199 199 199 199 199 199 199 19	2 99.269 199.910	CN .25915 .25862 .25963	CA .16346 .16292 .16136	CLM 06030 06991 07107	CY In32248 II31225 IT35517	CYN 3 .07960 1 .07412 7 .07567	03416 03436 03439	DLTALF -4.87670 -4.89780 -4.91890	-8.13.850 -8.13.850 -8.13.850	X 299.99000 299.94000 300.24000
		FUN NO.	614/ 0	RN/L = 5.97	.97					
400.870 \$9 409.870 \$9 409.810 \$0	2 99.858 800.059 399.780	CN .24101 .24653 .25943	. 16135 . 16142 . 16102	CLM 06366 063794	CY 630367 430286 '329725	CYN .07059 .06998	CBL -,03352 -,03479 -,63490	0LTALF 4.90230 4.90773 4.90713	0LTBTA -8.12840 -6.10100 -8.10740	X 300,02000 299,83000 299,91000

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047E 89 MAY 75				1487 1	IAST TABULATED SOURCE DATA	URCE DATA				PAGE 171
			AEDC/VASS	AEDC/VASEB (1A57) -OLETISI-OMB/ET W L/M SMB SEPAR.	T181-088/ET	BES KUTA	SEPAR.		(RTUE09)	( 03 OCT 74 )
	ACPERENCE DATA	2						PARA	PARAMETRIC DATA	
BAEF : 2000,0000 LREF : 1200,5000 BAEF : 1200,5000 SCALE : 0100	1290.0000 90.FT. 1290.3000 INCHES 1290.3000 INCHES		1007.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	IN. XT IN. YT			MAON ALPHA CALPHA X	<b>7</b> 5	4.529 PTOT. 10.299 BETA .199 CBETA	001 = A
		FUN NO.	616/ 0 RM	RN/L = 5.97						
•	•	č	5	3	გ	ž	ಕ	DLTALF	DL 18 TA	×
-347.020	-120.610	24502	16223	06706	29507	.06354	03162	.11380	15689	00795
-396.090	561	.24634	.16100	06019	29507	.06371	03121	.11690	13911	.13901
-35.350	\$90.06	.24469	.16157	12780	29558	.06427	03153	.13161	97344	18126
-386.410	199.639	.24231	.16174	06516	29626	06490	03245	.19032	121 54	.06621
-399.160	399.550	.23647	.16192	•.0550	29711	.06561	03361	.09556	-, 100 54	. 23033
		RUN NO.	618/ U RM	RN/L = 5.96						
•	•	3	đ	×	ځ	ž	é	CL TALF	ATBTA	×
	7	24847	16197	19990	25695	.94557	02778	.17116	. 57273	26338
0.50 . 10.3-	964	24801	16703	97551	25462	.04796	02824	08790.	11231	09240
0.00	22.	24729	16233	-,06958	25921	.04786	02873	.01603	-,00901	. 19176
000 001	640	25533	16213	97322	27219	.05123	112988	.09375	1:1223	58780
-199.410	399.640	.24590	.16134	:06775	29106	.06179	03145	.10642	10247	.97339
		RUN NO.	619/ 0 RM	RH/L = 5.98						
,	•	ð	5	<b>2</b>	ځ	٤	é	OLTALF.	CL TB TA	×
•	- 040 - 040	23448	.16127	26781	25003	.05184	-,02967	.09139	09943	01093
100.700	500	24061	16139	06765	29255	.05416	03116	.09304	+,028.09	01103
440.04v	275	.24119	10101	06125	24691	92250	03310	.07635	05507	.17513
200		26910	00101	07559	25524	.05295	03091	.00046	11858	22482
-100.000	400.760	24054	.16137	06801	28569	.05071	03195	.06405	04800	6926ú.
		PUN NO.	Na 0 /039	PN. = 6.00						
•	•	3	5	N)	č	Š	ਵੱ	OLTALF	Q.TBTA	×
	3	2322	1.0035	06737	24867	79180.	03076	.00163	07013	11421
	- 49	. 2333	. 16073	06369	25616	10720.	03344	.94794	13699	\$1690.
BW	100.319	25252	16122	96315	25117	.05552	03532	.04756	11921	.02491
-47.963	199.993	.26643	.16166	::6762	25455	.05545	93353	.06078	12085	.91814
-46.923	399.600	.25269	.16167	97987	28:89	.05723	03203	79367	09611	.31516

PAGE 172

(#TUE10) ( 53 OCT 74 )

DAN.
0 <b>93</b> z
ET V 1.7
1001
7-04571
Z8 (1487
AEDC/VA:

34EF : 2590. LREF : 1230. BREF : 1290.	2590.0000 58.FT. 1230.3000 1404E8 1290.3000 1404E8		1097,0000 IN. XT .0000 IN. YT 450,0000 IN. ZT	IN. XT IN. YT			ALPHA CALPHA		4.380 F 10.200 B 100 0	PTOTL = BETA = SBETA =	91.290
		o o	624/ D RN	RN/L # 5.99							
>	~	3	3	ð	Շ	Š	ਵ	SL TALF	St. 78 TA	×	
-396.470	-100.300	.24510	.16217		29461	.76352	03163	.10155	12449	D 299, 10000	8
-346.720	£.	.24666	.15107	06632	29527	.D6386	93125	.08253	10230	0 350, 4500	8
-399.150	190.240	\$0\$12.	.16179	96722	29630	.06461	93165	0696	12125	5 300, 8900	8
-396.560	200.769	.23940	.16195	:06275	29742	.06563	03357	.04654	11414	4 300,04000	8
-386.639	389.590	.23874	.16196	06212	29720	.06568	93363	.09792	11139	9 390.15990	8
	-	RUM NO. 6:	623/ 0 RM	RNA. = 5.99							
>	~	3	3	ð	ځ	ž	ŧ	CL TALF	D, TBTA	×	
-197.170	-90.839	.24859	.16146	06925	27790	.05419	03059	.05559	16142	2 350.12000	8
-199.930	367	.25956	.16153	97064	27848	57820.	03032	.99745	09926	6 300.13000	8
-196.22	<b>39.724</b>	.25185	.16143	57111	27889	.05466	03085	.09648	10507	7 300,33000	8
C#9.0G2-	187.795	25392	.16154	-,07204	27005	.05391	03032	.17763	03469	9 300,04000	8
-136.693	399.760	.23944	16096	06280	27598	.06548	03355	.09905	11214	4 300,11000	8
	-	RUN NO. 62	May 0 /229	RM. = 5.99							
-	~	3	5	ž	ځ	Ē	ਵੱ	CLTALF	CL TB TA	×	
-96.003	-179.900	.24642	.1691.	56953	27200	.03494	53973	12207	17726	6 39%, 399000	8
-07.926	-2.045	.23739	.16077	-,06820	87275	76550.	934.95	.19946	12595	\$ 299.99000	2
-102.065	97.793	.23893	.16116	96242	27277	.05531	0331 7	.16379	.01989	9 300,09000	٦
-80.197	199,970	.24364	. 16139	56473	27419	.05491	03297	.97774	1:690	0 300.00000	E.
-99.033	399.795	.24937	.16123	GFR24	2862A	108801	63972	.09535	11586	6 299.R7050	S
	-	RUN NO. 62	621/ 0 RML	L = 5.99							
•	~	3	3	N)	č	ž	é	OLTALF.	CL TB TA	×	
-90.419	-\$6.976	.23890	.15%7	06488	26363	.05419	53246	07749.	-, (33) 44	1 350,9999	S
-48.804	397	.23536	.16053	96121	26673	.05695	43379	60970.	08915	5 370.2000	8
-49.179	\$1.613	.24399	.16975	96473	27517	.09635	93369	.58125	58453	359.17900	Ę
-40.662	199.670	.24947	\$6191	56707	27422	.05850.	03349	.56213	59559	300,225000	ĸ
-40.707	349.663	.25615	.16184	19876	28216	3	- 04063	19000	***	40000	•

DATE 20 MAY 75	•			1467	TABY TABULATED SOURCE DATA	MINCE DATA				PAGE 1
			AEDC/VAS	AEDC/VASEB(TABT)-OLETISI-OMB/ET W L/M SMB SEPAR.	ET181-048/E	88 W 1 A 1	SEPAR.		(ATUZ11)	( 83 OCT 74
	REFERENCE CATA	74						PAR	PARMETRIC DATA	2
0002 : 3305	2660.0000 SA.FT.	H A	1097,0000 TM.	.0000 1N. XT			0 2	11 11	4.520 PTOTU	PTOTL = 91.3
	1290. 3000 THCHES	ž	490.003. IN.	IN. 21			i i ,			,,
MCALE .	<b>2</b> 010.	9	20.569	***			<b>4</b>			
1						į	ŧ	2		,
-396.630	-190.439	24633	.16175	05001	29480	.0634A	03137	5.19000	11556	300,06000
-367.440	-1.34	.24792	16.50	76911	29485	.06366	10150	5.16890	16960	300.15000
-499.590	673.86	.24440	.16156	06688	50962'-	.06462	03171	5.16760	00495	399,54000
-396.590	199.749	.23930	.16184	06265	29713	.06558	93359	5.16340	11594	299.89000
-396.360	399.040	.23859	.161.66	56212	29734	.06571	93363	5.08990	11993	300.21900
	-	EN NO. 6	6767 D RN	RN/L = 6.01						
<b>&gt;</b>	~	3	3	ð	b	ž	ø	OLTALF.	CLTBTA	×
-199.450	-199,899	24933	.16173	06956	27364	.05180	03024	5.11459	979.66	300.23000
-200.260	-1.596	25072	.16148	97560	27632	.05354	53943	5.:4250	97411	300.23000
-201.999	96.034	.25282	.16156	97158	27712	.05366	03076	5.16150	93874	350.29500
-197.695	199.479	.25245	.16189	07153	27814	.05404	-,63959	5.19450	14729	299.917/00
-194.825	399.340	.23898	.1612	(5227	29729	.06563	03379	5,15549	1:17.47	300,3600
	-	RUN NO. 62	627/ 5 RNA	ん = 6.91						
٠		3	3	ð	č	Ē	é	OL TALF	DL 118 TA	×
-30.470	-199,349	.23783	16/365	06212	<b>266</b> 19	00250	03299	5.06330	09684	300.13000
-90.662	426	01982.	.16061	96277	26912	5467	93317	5.06170	99744	299.99000
-90.765	28.26	66G92*	16096	56359	27242	05850.	71880	5.08360	09501	350.16930
-99.452	199.640	\$0512	.16153	96534	10575	01889	03309	5.09190	Det 67	300,04000
-101.650	401.659	.24619	.16129	96787	28948	Sector.	03163	5,54260	.95722	299.96000
	•	RUN NO. 628/ 9		RWL = 6.90						
۰	~	3	3	CLM	Շ	ξ	ŧ	CL TALF	Q. 18 TA	×
-49.359	-34.342	CT 622.	. 16003	05619	26310	.05589	03489	5.00660	03454	299.78000
-40.67	. 285	.23669	16564	96239	26695	76980.	93451	5.58125	08621	399,91999
-47.072	\$1.010	964 P.2.	.16199	06573	27097	105694	03396	5.00330	10965	300,26000
-53.444	197.660	.24867	.16127	95631	27562	\$1780.	03367	3.15960	.01784	300.37990
-40.779	399.049	.25416	.16142	07262	2A495	00080.	03091	5.09749	11439	299.99770

91.299 11.990 -.190

ORIGINAL PAGE IS OF POOR QUALITY

と、これでは、別位の大の意味を行うない。まったのできない。 こうさつ

## AECC/VASSB (TABT) -OLETIS1-ORB/ET W L/M SRB SEPAR.

(RTUE12) ( 93 XCT 74 )

PARAMETRIC DATA

Name		MEFERENCE CATA	44						P A.R.	PARAMETRIC DATA		
											,	500
The color of the	•	'			IN. XT			5			• 1	
The column   The					1N. 41			A P			16	7.6
The column   The	<b>H</b> 19	. 3000 INCHES		0000 351	IN. 27			PJA?	<b>S</b>			2.5
The color of the	#	2016.						٠,				
C			Š Š									
100,400   24751   16169   -10649   -129134   -03114   5.10570   -111982			į	į	3	č	Ē	현	CLTALF	CL TB TA	×	
2161. 1010. 2010.	>	~	5	5			11130	93113	5,10570	11992	.12484	_
1995-1910   244270	-24.630	-100.400	15.42.			7,163	700	71110	5.07670	197 46	1857	
199-1510 12421 115213 -105313 -29736 104.76 -103240 5.06310 -113250 199-1510 12342 -105310 -29736 104.76 -103240 5.06310 -113250 199-1510 12342 -105314 105.18 -105314 105.	-399.690	912.	.24760		The state of	\$000.	0000	2020	5.76680	177.00	9794	_
199-1550	-397.973	100.379	14772			- 2071	106514	03249	5.19410	11329	.1112	•
C	-396.950	199.550 399.450	23852		06230	29756	54.76	03366	\$.09630	A4 701	. 5392	•
2 CM CA CLN CY CYN CBL BLTAL BLTBTA 19529 - 10519 5.00740 - 109629			Š									
-100.19-1 -25045		1	į	į	3	2	Ē	ē	S TAL	CATBIA	×	
	>	~	5		4440	36036	74757	12743	5.08749	09629	9001	_
- 1200 - 124622	-18.7%	-1001-	500C2		1000	25004	04552	72799	5.06769	0.8541	1430	•
97.338 (25592 16270 - 7343 - 27435 (76270 - 73151 5.19990 - 79261 - 794042 (76270 - 73151 5.1490 - 71015 (76270 - 73151 5.1490 - 71015 (76270 - 73151 5.1490 - 71015 (76270 - 73151 5.1490 - 71015 (76270 - 73151 5.1490 - 71015 (76270 - 73151 5.1490 - 71015 (76270 - 73151 5.1490 - 71015 (76270 - 73151 7.1490 - 71015 (76270 - 73151 7.1490	-189.560	662	24.63		19070	26759	74706	02920	5.16650	00013	0164	EO.
199-420   15334   16153   -1.6791   -1.29169   1.06272   -1.03151   5.14492   -1.16152   199-420   -1.16152   -1.6791   -1.29169   1.06272   -1.03171   5.14492   -1.16152   -1.03171   5.09294   -1.10971   -1.03171   5.09294   -1.09371   -1.09371   -1.09397   -1.	-200,019	97.338	22462.		77.	27455	.05228	93015	5.09950	592 61	224R	so.
### CA CLM CY CYN CBL BLTALF BLTBTA CA CLM CY CYN CBL BLTALF BLTBTA CA CLM CY CYN CBL BLTALF BLTBTA CA CLM CY CYN CBL BLTALF BLTBTA CA CLM CY CYN CBL CAST CAST CAST CAST CAST CAST CAST CAST	-197.120	39.420	.24630		1629	29169	(0.290)	03151	5.14490	1015	. 5600	_
2 CN CA CLM CY CMN CBL BLTALF BLTBTA  -9-663 .23135 .162940646624432 .0315103177 5.090971097110	•		Š.	6 /669	**							
2 CN CA CLM CY CNN CD CD CD CD CD CD CD CD CD CD CD CD CD						,	•	(	2	2	>	
-90.663 .23135 .162947646924432 .0515153377 5.029297109731.027 .24619 .162417595924669 .0526353333 5.176607682731.027 .24619 .162417595924629 .0526170333 5.176607093971.027 .24619 .162417595924629 .05261703212 5.176607093971.02 .24679 .161937660752672124.07 .2467924.07 .2467924.0724	•	~	3	3	3	ځ	E	ا ا	3	1 200	1	
-1.027 .24619 .162411565924664 .0356315333 5.11765416559 100.010 .24693 .1621675464 .0356315333 5.11765416559 100.010 .24693 .162167632124629 .0526173326 5.0627019597196459 .24639 .246791667526721 .0555303512 5.106901959719594 .24679 .2467910567526721 .0555303512 5.106901959419594 .24679 .246791959419594 .0762203426 5.0759019576419594 .24679 .2467919576419594 .246791957641957621957641957641957641957621957691957641957641957621957691957641957621957691957641957691957	-97.967	-4.65	23135		06466	24432	15150.	7100	1,6060.5	116011	200	
109,010 .24693 .16216 - 7632124629 .7526173326 5.06270 - 79331 199,590 .26573 .1618376757928721 .7535473151 5.06270 - 79331 199,590 .24479 .161937687528721 .7535473151 5.06220 - 79331 199,590 .24479 .26721 .7659376757928721 .7535371769073494 .25479 .757647356473426 5.0739773474735647347473564734747356573479 .737647356773479	-100.149	-1.027	.24619	•	6569,	2466	.55563	25155	3.1.100.1	C 2000-		
199.390 .26503 .161830750928720 .0536403151 5.0842003511 199.390 .26503 .161830568728721 .0536403212 5.1069003594 199.390 .24873 .161930687528721 .0595303212 5.106900359403594 .0568303484 5.07590035940359428449 .0762203426 5.075900347428499 .0762203426 5.07590034740555228649 .0762203426 5.07590034740655228649 .0565203426 5.075900347903594 161500659428490 .0562203426 5.083000555203490 0.05652034690131221312228599 .0566503264 5.086511369713697	246	100.001	.24693		- 76321	24629	19250.	3328	5.96270	10.00 ·	C. 184.	
### 161932872059303212 5.1069003594  #### NO. 629/ 0 RH/L = 6.01  #### CY CYN CBL BLTNLF BLTSA  -99.979 .22260 .161760529425142 .0526203426 5.0759004764 -  -793 .22273 .161760529425142 .0576403559 5.0637006552  -793 .24574 .161500629425450 .0576203426 5.0637006552  199.990 .26504 .161590691725575 .0562203346 5.0637113122  199.590 .266045 .161590691725675 .0565203346 5.0637113122	3	199.539	\$6803		07509	25829	.05364	53151	5.06420	9911		
RUN NO. 629/ 0 RN/L = 6.01  Z CN CA CLM CY CYN CBL BLTNLF CLIBTA -90.970 .22260 .161760566524949 .0'462203426 5.07590047741793 .24574 .1610606294 -25142 .0576403559 5.0037005552 90.762 .26045 .161350659425450 .0576203505 5.1047003109 190.990 .26646 .161500691725675 .056220356 5.0631713122 190.990 .26656 .161500691726575 .056250356 5.0631713697	-99.311	399.395	.24075		-,06475	28721	.05953	03212	5.19690	₹6.66°	7267	n
2 CN CA CLM CY CYN CDL DLTNLF DT DT DT DT DT DT DT DT DT DT DT DT DT			EN NO.	6 /629								
- 90.970		•	3	t	3	ځ	Ē	ŧ	DLT 1.LF	CL TB TA	×	
	>		,		3386	57676	97.622	03426	5.07590	- 48754	- 198	
90.762 - 10.504 - 10.504 - 10.505 - 10.	76.	2.8			7620	- 2512	.05764	03559	5.06300	96552	.1918	~
\$4.92 - 20043 - 10150 - 10507 - 25075 0.9562 - 103346 5.05311 - 13122 - 105494 0.0562 - 103264 5.05971 - 117697 - 105695 - 103264 5.05971 - 117697	-49.134			-	198.90	25152	.05762	93595	5.19490	53159	.215	•
1996 11. (1996) 1 1996) 1 1996 1 1 1996 1 1 1996 1 1 1996 1 1 1996 1 1 1 1	-40.00	20.3	200		7,691	. 26:75	.05622	93346	5.56317	13122	<b>8</b> 2.	
	-47.301	766.661	K 9 9 7 .			. 28599	.03965	73264	5.69857	1'7697	.5878	

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AFTC/VARGETIAST - CAFT-64-CORVET II / L COR BEDAR	

	T.	REFERENCE DATA	¥						ď	PARAMETRIC DATA	DATA			
SAEF =	2690.0000 Se.FT.	\$6.FT.	XMRP	1097.0000 IN. XT	IN. XT			Ĭ	10	4.525	PTOT	,,	91.200	
- 4347	1290.3000 INCHES	INCHES	THRP	.0000	IN. YT			₹	11	19.200	BETA	H	11.000	
BREF =	1290.3000 INCHES	INCHES	ZHRP =	450.0000	IN. 2T			Ŏ	DALPHA =	-4.900	DBETA	11	199	
SCALE =	.0100							×	11	000				
		_	RUN NO.	633/ D RN	RN/L = 6.03									
>	2		3	ฮ	3	Շ	Š	<sub>ල්</sub>	OLTALF		¥.	×		
-396.419		99.584	.24674	.16299	06829	29576	.06415	03130	-4.88280	135999		.5931	4	
-400.600		198.800	.24391	.16204	-, 06606	29687	.06497	03226	-4.85895			01645	2	
-399.110		399.450	.23874	.16188	06218	23734	.06574	03386	-4.95310	09986		.23530	0	
		•	RUN NO.	634/ O RN	RN/L = 6.02									
>	2		ટ	5	Ş	Շ	Š	ಕ	CLTALF			×		
-196.170		9.632	.24797	.16302	97914	25985	.04842	02823	4.90710	12557		<b>97690.</b> -	•	
-198.97		202.250	.25543	.16235	07338	26940	.05018	02939	-5.02269			.48222	~	
-196.439	_	399.66	.24772	.16977	96882	29017	.06111	03119	-4.90700	11440		.24816	<b>v</b>	
		u.	RUE NO. 6	6357 0 RN	RN/L = 6.01									
>			ટ	3	ð	Շ	Š	<del>ව</del>	CLTALF		<b>₹</b>	×		
-98.943		99.400	.24980	.16185	06980	25182	.05355	03077	-4.95080	- 57960		.96594	_	
-97.	_	199.950	.26528	.16228	07623	25939	.65112	03001	-4.93110		•	19606		
-100.540		101.460	.25571	.16293	07345	27847	.05435	03032	-4.94700	07338		.15609	•	
		LF.	KUN NO. 6	636/ D RN/	RN/L = 6.02									
<b>&gt;</b>	~		S	5	CLM	გ	Š	ಕ	CLTALF	CL TB TA		×		
-49.142		99.659	.24751	.16096	96327	24965	.95497	03347	-4.93310	•		.09063	_	
-46.	_	199.795	.25999	.16151	96368	24747	.05323	03428	-4.94139	•		.09939	•	
-40.751	•	399.710	.25890	.16181	57400	27447	.05365	03160	-4.91799	٠		.14958	_	

AEDC/VASEB (1A87) -OIETIS1-ORB/ET W L/H SRB SEPAR.

91.200

(RTUE14) ( 03 OCT 74 )

U	229 F101L
<b>u</b> .	мАСН = 4.529 АГРНА = 10.200 DALPHA = -4.900 X = 300.000
	XMRP = 1997,0000 IN. XT YMRP = .0000 IN. YT ZMRP = 450,0000 IN. ZT
<b>*</b>	T T T T T T T T T T T T T T T T T T T
REFERÊNCE DATA	SAEF = 2690.0090 30.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100
	SAEF 3 LREF 3 BAEF 3 SCALE 3

X 299.99000 300.15000 300.24000	X 300,09000 300,10000	3,71,60,77	X 300.18000 300.07000 300.01006	,	X 300.19000 300.28000 299.92000
5LTBTA 11491 11287 16845		-,12978	0,1814 -,08508 -,10499 -,11853		CLTBTA -,09824 -,08602 -,11053
DLTALF -4.89915 -4.95035	DLTALF -4.90330 -4.91340	. ₹994Ω	DLTALF -4.90880 -4.91840 -4.90810		DLTALF -4.92070 -4.92160 -4.91230
CBL 03137 03302 03388	CBL 03049 03004	03252	CBL 03364 03247 03061		CBL 03349 03311 03650
CYN .06432 .06539 .06577	CYN .05521 .05349	.06476	CYN .05615 .05403		CYN .05667 .05481
CY 29566 29693 29748	CY 27989 27735	29591	cy 27415 27246 28148		CY 27074 27022 27624
. = 6.51 CLM 06794 06407 06228	RN/L = 6.01 CLM 07181	06559	CLM -,:16223 -,:16521 -,:17336	L = 6.01	CLM 06385 06753 07579
CA .16186 .16186 .16186 .16181 .16211 .	639/ O RN/ CA .16155	.16032 - .16032 -	CA .16079 .16186	637/ 0 RN/L	CA .16087 .16084
RUN NO. 646 CN .24624 .24126 .23907	RUN NO. 63 CN CN 25286	.24319 .24319 RUN NO. 63	CN .23873 .24384 .25472	RUN NO. 63	CN .24146 .24973 .26933
2 99.843 199.850 400.480	27.54	205.019 399.740	Z 99.661 198.910 399.940		2 99.631 199.860 399.790
7 -398.720 -398.640 -396.610	Y -199.670	-198.560	7 -99.429 -98.736 -98.762		7 -48.589 -48.984

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AEDC/VAS28 (IA87) -OLETISI -CRB/ET W L/H SRB SEPAR.

(RTUR15) ( 03 OCT 74 )

PARAMETRIC DATA

91.200 11.000 3.900

PTOTL = BETA = CBETA =

4.520 10.200 .100

MACH = ALPHA = DALPHA = X

### REFERENCE DATA

XMRP = 1097.0000 IN. XT YMRP = .0000 IN. YT ZMRP = 450.0000 IN. ZT ##EF = 1290.3000 1NCHES
BREF = 1290.3000 INCHES
SCALE = .0100

### RUN NO. 641/ 0 RN/L = 6.02

>	2	ટ	5	Ę	Շ	z Č	9	DLTALF	OLTBIA	×
-397.840	-101.210	.25173	.16136	07152	28942	.03956	03018	.15913	3.86610	-, 10468
-398.600	119	.25451	.16059	07379	28849	82650.	02943	. 09232	3.88970	1.57271
-396.960	99.050	.25569	.16055	97487	29151	.06132	02917	.14929	3.88260	14225
-398.180	199.840	.24815	.16090	96943	29567	.06424	03093	.10365	3.86770	09737
-399.195	399.670	.23896	.16187	16227	29727	.06371	03383	,09704	3.89920	.26640
		on No.	642/ D RN/L	16.9 1						

>	2	ટ	5	Ą	Շ	ž	ទ	CLTALF	SLTBTA
-196.120	-100.080	.25539	.16169	97698	24187	.04029	02552	.97157	3.88430
-198.940	198	.24502	.16260	<b></b> :069:17	23842	.04128	02834	57070	3.91290
-202.250	100.950	.24785	.16230	97:373	24430	.04195	02824	00149	4,99729
-198.460	199.590	.25575	.16188	97314	25467	.54389	02938	.08369	3.90530
-199.290	399.630	.24856	.16107	56918	28835	6650.	03114	.10159	3.89999
		RUN NO. 6.	143/ 0 RN	RN/L = 6.05					

-.12339 .41806 .11799

X .00433

×	03630	.14346	.02308	35060	.06355
CLTBTA	3.92690	3.98420	3.96540	3.89360	3.97180
DLTALF	.07438	.97575	.05231	.06837	.05044
ਵੱ	02891	03143	03503	03093	03106
Š	.03749	.04250	.04543	.04767	.05431
Շ	22039	22577	22584	23975	27775
*)	97449	07031	:: 6456	08229	97384
đ	.16356	.16422	.16237	.16271	.16147
3	.24248	.24581	.25306	.28258	.25651
~	-99.334	617	93.656	199.890	401.230
۲	-100.420	-100.590	-99.89\$	-98.627	-101.120

is 15(A

(RTU216) ( 03 OCT 74 )

AEDC/VAS28 (IA87) -OIETIS1-ORB/ET W L/M SRB SEPAR.

9000 IN. XT 9000 IN. YT 9000 IN. XT 9000 IN. YT 9000 IN. XT 9000 IN. YT 9000 IN. XT 9000 IN. YT 9000 I	X1  Y1  X1  ALPHA = 1  ZI  ZI  ZI  ZI  ALPHA = 1  ZI  ALPHA = 1  ZI  CLM  CY  CYN  CBL  DLTALF  GS4929297 .0622103090 .10672  .0713629314 .06233031814 .06863  .0649329514 .0623303214 .06863  .0663329629 .0649303214 .06863  .0621929716 .0636903383 .09670  E 6.04  CLM  CY  CYN  CPL  CDL TALF  GA77126756 .0485202956 .06491  .07728026972 .0484502974 .09501  .07728026972 .0484503020 .09232  .0735826972 .0484503383 .09673  .0728029511 .0430903208 .13379  .0649429610 .0649703308 .13379  .0621625889 .0550403308 .13379  .0621626513 .0567403312 .14938  .0687826198 .0567703318 .06937  .0698726198 .0567403318 .06937	⋖	REFERENCE DATA					į		ي	,	Ş
RN/L = 6.03  CLM CY CYN CBL  CLM CY CYN CBL  11120594929297 .0622103090  11120716629314 .0622303088  11310716629314 .0626303088  11310721629513 .0649303088  11380660329629 .0649303084  S2160621929716 .0649303383  RN/L = 6.04  CLM CY CYN CBL  506707707126756 .0495202956  51060725826970 .0494002956  50120728926910 .0647703288  S1140529125141 .0430902972  51140698726513 .0507403338  51730621625503 .0507703338	HAVL = 6.03  CLM CY CYN CBL DLTALF DLTBTA 064929297 .0622103090 .10672 3.65620 0713329514 .0623303728 .06365 3.83180 0713329523 .0656903328 .06565 3.83180 0621929716 .0655903728 .06565 3.88870 0621929716 .0655903214 .06965 3.88870 0721077126756 .0485202956 .06491 3.89650 077126756 .0485202956 .06491 3.86860 077126756 .0485202956 .06491 3.86860 077126756 .0485202956 .06491 3.86860 077126756 .0485202956 .06491 3.86860 077829716 .0494502956 .09972 3.88810 0729129511 .0430902955 .08473 3.88610 0621025141 .0430902972 .08739 3.91170 0729125141 .0430902378 .13379 3.92490 0621025333 .05507403332 3.88840 0621025313 .05507403332 3.88840 0621025313 .05507403339 3.91170 0621025313 .05507703332 3.88840	2690,9000 SQ.FT. XMRP 1290,3000 INCHES YMRP 1290,3000 INCHES ZMRP ,0100	H H H	1997,90880 IN. .9989 IN. 459,9999 IN.				MACH PALPH SALPH				1,000 1,000 3,900
CLM	CLM CY CYN CBL DLTALF DLTBTA064929297 .0662103090 .10672 3.658200713329513 .0658903028 .06455 3.831800713329513 .0658903028 .06555 3.831800660329514 .0658903028 .06565 3.831800660329516 .0658903214 .06565 3.831800661929716 .0658903214 .06565 3.831800621929716 .0658903214 .06565 3.831800770126756 .0485202956 .06491 3.89685007707126756 .0484002974 .09571 3.9243007728026953 .0494502974 .09571 3.924300773826972 .0494502974 .09532 3.932800773826972 .0494503295 .08473 3.886100729125141 .0430902972 .09332 3.932800621625141 .0430902972 .08039 3.911700729125141 .0430903308 .13379 3.924900621625141 .0430903331 .16937 3.886400698726503 .0507703332 .14938 3.986400698726503 .0567403318 .06937 3.88860	RUN NO.		646/ D RN/								
11660694929297 .0622103090 11120718629314 .0623303018 11310713329513 .0636803028 11380603329629 .0636803028 11380603329629 .0636803028 11380603329629 .0639303214 1120713529716 .0636903383 1140628629714 .0430902972 1150728129610 .0644703268 1150728129610 .0647703268 1150728129610 .0647703288 1150521629610 .0430902972 1160621629610 .0530403338 11730621625633 .0507203338	0694929297 .0622103090 .10672 3.858200713629314 .0623303018 .08136 3.905200713329513 .0656803028 .06565 3.831800660329629 .0649303314 .06965 3.831800621929716 .0656903314 .06965 3.888700621929716 .0656903313 .09670 3.8965007707126756 .0485202956 .06491 3.8686007707126756 .0485202956 .06491 3.8686007707126972 .0494502956 .06473 3.8868600778026972 .0494502956 .06473 3.883800728129111 .0430902972 .08473 3.883800729125141 .0430902972 .08473 3.883800621625899 .0507403332 .14938 3.984400621626503 .0507403332 .14938 3.984400698726503 .0507703332 .14938 3.888600698726503 .0507703332 .14938 3.888600698726503 .0507703332 .14938 3.88860	3		ర	ŧ	გ	Š	ම	OLTALF	OLTBIA		
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131	0713329513 .0636803028 .06555 3.83180060329529 .0649303214 .06565 3.881700621929716 .0656903383 .09670 3.896500621929716 .0656903383 .09670 3.896500770126756 .0485202956 .06491 3.868600770126756 .0485202956 .06491 3.8686007728026853 .0494502974 .09501 3.924300773826970 .0494502974 .09501 3.924300773826970 .0494503972 3.886100649429610 .0647703268 .0932 3.932800729125141 .0430902972 .08039 3.911700729125141 .0430902972 .14938 3.984400621625899 .0507403378 .14938 3.984400698726503 .0567403378 .16937 3.89840	25183	2	.16112	07186	29314	.06233	03018	.08136	3.90520		
138	0660329629 .0649303214 .06965 3.888700621929716 .0656903383 .09670 3.896500621929716 .0656903383 .09670 3.8965007707126756 .0485202956 .06491 3.8686007728026853 .0492002974 .09501 3.9243007728026972 .0494502956 .06491 3.8686007728026972 .0494503974 .09501 3.9243007728026972 .0494503928 3.932800728026972 .0494503288 .09972 3.886100649429610 .0647703288 .09972 3.886100629625141 .0430902972 .08039 3.911700729125141 .0430902972 .08039 3.911700621625389 .0507403378 .14938 3.9864006987265138 .0567403378 .16927 3.889840	.25087	<u>.</u>	.16131	07133	29513	.06368	03028	.06565	3.83189		
FN/L = 6.04  FN/L = 6.04  CLM CY CYN CBL  5.050715026975 .0495003383  50570771126756 .0495202956  51660715026693 .0492002974  50780728026972 .0494003020  51960735826972 .0494502956  50120624026910 .0647703288  FN/L = 6.05  FN/L = 6.05  FN/L = 6.05  517306214 .0430902972  51810621626503 .0507403338  517306218 .0507203338	0621929716 .0656903383 .09670 3.89659077L = 6.040777126756 .0465202956 .06491 3.868600778026953 .0492002974 .09561 3.968600728026972 .0494502974 .09561 3.924300728026972 .0494502965 .04473 3.886100728026972 .0494502965 .04473 3.886100728129610 .0647703288 .09972 3.885100729125141 .0430902972 .06039 3.911700729125141 .0430902972 .06039 3.911700621625889 .0590403308 .13379 3.9249006218265138 .05504033281 .06937 3.8864006987265138 .05504033281 .06937 3.88640	24373	P.	.16138	56603	29629	.06493	03214	.06965	3.88870		
FN/L = 6.04  CLM CY CYN CBL 15660715026756 .0485202956 15660715026653 .0492002956 151660715026690 .0492002974 15180728026900 .0494003020 15196073826900 .0494003020 15196073826910 .0647703288  FN/L = 6.05  FN/L = 6.05  TN/L = 6.05	HAVL = 6.04  CLM CY CYN CBL CLTALF DLTBTA 0707126756 .0485202956 .06491 3.86860 0775026853 .0492002974 .09501 3.92430 0728026972 .0494503020 3.9328 3.93280 0728026972 .0494503972 3.88610 0649429610 .0647703268 .09972 3.88610 0649429610 .0647703288 .09972 3.88300 06210 CY CYN CBL DLTALF DLTBTA 0729125141 .0430902972 .08039 3.91170 0621025141 .0430903308 .13379 3.92490 0621026108 .0507403318 .16937 3.88840 0698726513 .0567403318 3.89840	.23898	. eo	.16216	06219	29716	.06569	03383	02960.	3.89650		
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50780728026900 .0494003020 51960735826972 .0494502965 50120649429610 .0647703288 50120649429610 .0647703288 50120621025141 .0430902972 50090621025809 .0590403308 51730657826503 .0507203332 51140698726503 .0507203281	0728026972 .0494003020 .09232 3.932800735826972 .0494502965 .08473 3.886100649429610 .0647703288 .09972 3.885100649429610 .0647703288 .09972 3.885800529125141 .0430902972 .08073 3.91700621625889 .0590403308 .13379 3.91700621626108 .0507403308 .13379 3.924900658726108 .0507703328 .14938 3.986400598705987 3.89840	25236		.16166	-,97159	26853	.04920	02974	.09501	3.92430		
50120735826972 .0494502965 50120649429610 .0647703268 FN/L = 6.05 FN/L = 6.	0735826972 .0494502965 .08473 3.88610 0649429610 .0647703288 .09972 3.88360 0649429610 .0647703288 .09972 3.88360 0729125141 .0430902972 .08039 3.91170 0621625889 .0597403308 .13379 3.92490 0657826108 .0507403383 3.98640 0698726503 .0507203281 .06937 3.89850 0733628148 .0567403718 .09291 3.89840	25462		16078	57280	2690£	.54945	03020	.09232	3.93280	•	
FN/L = 6.05  FN/L = 6.05  FN/L = 6.05  CLM CY CYN CBL 51510729125141 .0430902972 50890621625889 .0590403308 51730657826108 .0560703332 51140698726503 .0507203281	06494 29610 . 06477 03288 . 09972 3.88380  RNL = 6.05  CLM CY CYN CBL DLTALF DLTBTA 07291 25141 . 04309 02972 . 08039 3.91170 06216 25889 . 05904 03308 .13379 3.92490 06578 26108 . 05072 03281 . 06937 3.89850 06987 26503 . 05604 03018 . 09291 3.89840	0.5559.		16196	97358	26972	.04945	02965	.08473	3.88610		
FN/L = 6.05 CLM CY CYN CBL 11510729125141 .0430902972 50890621625889 .0500403308 51730657826108 .0502703332 51140698726503 .0507203281	CLM CY CYN CBL DLTALF DLTBTA0729125141 .0430902972 .08039 3.911700621625889 .0590403308 .13379 3.924900621826108 .0507703332 .14338 3.986400698726503 .0507203281 .06937 3.898800733628148 .0560403018 .09291 3.89840	.24232	A.	.16912	06494	29610	.06477	03288	51997.	3.88380		
CLM CY CYN CBL 5151 07291 25141 .04309 02972 5089 05216 25889 .05904 03308 5173 05578 26108 .05927 03332 5114 06987 26593 .05072 03281	CLM CY CYN CBL DLTALF DLTBTA0729125141 .0430902972 .06039 3.911700521625889 .0500403308 .13370 3.924900657826108 .0502703332 .14938 3.986400698726503 .0507203281 .06937 3.888500733628148 .0565403318 .09291 3.89840	RUN NO.		644/ S RN	11							
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0621625889 .0500403308 0657826108 .0502703332 0698726503 .0507203281	-,06216 -,25889 ,05974 -,03308 ,13379 3,92490 -,06578 -,26198 ,05027 -,03332 ,14938 3,98640 -,06987 -,26503 ,05072 -,03281 ,66937 3,89840 -,07336 -,28148 ,05604 -,03018 ,09291 3,89840	Chryc	•	16151		25141	.04309	52972	00039	3.91175		
-, 16578 -, 26108 , 15027 -, 1332 -, 16587 -, 26503 , 15072 -, 13281	-,76578 -,26108 ,05027 -,03332 ,14938 3,98640 -,06987 -,26503 ,05072 -,03281 ,66937 3,89850 -,07336 -,28148 ,05604 -,03018 ,09291 3,89840	23649	, σ	16089	06216	25889	.05004	-,03398	.13379	3,92495		
0698726503 .0507203281	-,06987 -,26503 ,05072 -,03281 ,66937 3,89840 -,07336 -,28148 ,05604 -,03018 ,09291 3,89840	24448	, 00	1817	76578	26198	.05027	03332	14938	3.98640		
	0733628148 .0560403018 .09291 3.89840	01010		16114	06987	26593	22050.	03281	.56937	3.89850		
0733628148 .0565403018		25441	=	.16152	57336	28148	.05604	03018	.09291	3.89840		

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PAGE 179

AEDC/VAS28 (TAB7) -OIETISI-ORB/ET W L/H SRB SEPAR.

(RTUE17) ( U3 OCT 74 )

91.200 11.999 3.999

SREF =												
LREF = BREF =	2690. 1290. 1290.	2690.0000 SA.FT. 1290.3000 INCHES 1290.3000 INCHES	YHRP = YHRP = ZHRP =	1097,0006 IN. XT .0000 IN. YT 450,000 IN. ZT	IN. XT IN. YT 7. ZT			ALPA PLPA	H H H		PTOTL = BETA = SBETA =	91.20 11.00
SCALE =	•	.0100	RUN NO. 64	647/ 5 RN/L	ሊ = 6.93			×		<b>3</b> 00.900		
•		,	3	5	ğ	Շ	N.	ච්	DLTALF	CLTBTA	×	
198-	-397.059	-190.539	.25100	.16190	97123	29089	.06092	03037	5.11940	3.85520		0009
366-	-396.350	276	.25357	. 16095	97312	29168	.06147	02980	5.11200	3.87893		0000
-395	-399.920	96.189	.24986	.16110	07085	29536	.06387	03040	5.18215	3.96520		0001
766-	-398.610	199.889	.24191	.16148	-,:16472	29667	.06523	03271	5.19519	3.88949		7000
-39	-397.850	399.879	.23879	.16210	02290*-	29759	62590.	-,03389	5.09620	3.87315	300.19000	0006
		_	RUN NO. 64	648/ D RN	RN/L = 6.03							
_	<b>&gt;</b>	2	3	క	3	Շ	Š	ಕ	CLTALF	CLTBTA		
-19	-199.950	-191.149	.24908	.16159	06892	26381	.94627	03011	5.11749	3.95840		000
-20,	-200.930	-2.179	.25336	.16153	97216	26698	.04827	02978	5.15850	3.99839		000
-19(	-196.879	99.765	.25392	.16135	15270	26860	.54939	03037	5.08765	3.89215		, 당
-19	-197.290	199.550	.25524	.16222	0*393	27081	60030	02996	5.19729	3.83840		000
-19	-198.9m	399.439	.24969	.16978	06363	29652	.06517	03329	5.10569	3.89210	300.25000	5000
			RUN NO. 64	649/ D RN	RN/L = 6.01							
	>		3	3	¥. U	Շ	Š	ម	DLTALF	CLTBTA	×	
7	-96.201	-96.535	.23818	.16192	06284	25364	.04776	03302	4.96540	3.93689		9009
*	-99.534	605	.24216	.16294	-,06484	25655	.04986	03346	5.07819	3.91749		000
6	-99.991	96.498	.24845	.16199	56752	26235	.05141	03356	5,98119	3.92690		0006
-10	-199.169	199.550	.25154	.16150	90690	26843	.05261	-,63315	5.08360	3.93450	300,20000	0000
36-	-99.352	399.760	.25995	.16155	97116	28547	.05834	53581	5.09580	3.84940	299.94000	000

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AEDC/VASZB (IABT) -O1ET1S1-ORB/ET W L/H SRB SEPAR.

(RTUZ18) ( 03 OCT 74 )

PARAMETRIC DATA

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	2699.0000 58.FT. 1290.3000 INCHES 1290.3000 INCHES	YMRP :: ZMRP ::	1097.0000 IN. XI .0000 IN. YT 450.0000 IN. ZT	IN. YT IN. 27			146,	ALPHA = :	5.190 5.190	BETA CBETA	11.000 = 11.000 = 3.900
		RUN NO. 6	652/ D RN	RN/L = 6.01			¢.	1	•		
,	^	ž	5	<b>x</b>	Շ	Ž	ಕ	CLTALF			*
-396.795	-100.400	.25378	.16974	97332	28606	98780,	02952	5.10700	3.88680		12094
-399.300	336	.25581	.16948	07490	28788	.05924	912	5,10690			.35531
-396.950	199,659	.25351	.16038	07331	29314	.06247	69620'-	5.06590		6.0	.09308
-396.759	199.430	.24552	.16151	96739	29622	.06461	03175	5.10820		7.0	.64655
-399.360	399.795	.23888	.16218	96222	29743	.06572	03388	6.08900	3.89781	C.S	.61896
,	•	RUN NO. 6	651/ D RN	RN/L = 6.02	8	8	Ē	2 41 14	2	4	*
-195.100	-100.019	.24354	16291	06777	23179	93778	92880	5,08870	3.85090		05176
-196.360	366	.24380	.16314	06881	23398	76660.	92876	5.08040	3.9137		.26384
-196.519	99.733	.24989	.16254	97142	24355	.04225	52894	5.07749	3.954		.62151
-196.490	199.760	21725.	.16198	97376	25975	.04579	92970	5.06680	3.913		.28189
-196.300	399.580	.24794	.16160	06889	28879	.06036	53122	5.10660	3.880		.74401
		RUN NO. 6	6597.9 RN	RN.L = 6.01							
>	2	3	3	טרא	ò	Š	ਵੱ	PLTALF	CLTB1	2	×
-98.311	-99.220	.22769	.16405	06239	22375	.04379	-, 93289	5,01470	3.88940	•	41911
-102.120	\$60.	.25190	.16384	07032	22781	.04716	03335	5.00860	3.9976		.76696
-97.859	190,069	.25829	.16237	06559	23491	.05054	03490	5.94719	3.8943		.29586
-96.511	199.630	.27956	.16197	-,08005	24775	.05136	03141	5.07989	3.90710		.28273
000	000		9								-

1

			AEDC/VAS	AEDC/VASEB (IA87) -OLETISI-OMB/ET W L/M SMB SEPAR	E7131-048/E	1 V L/H 966	SEPAR.		(R TUE19)	( 03 OCT 74 )
	REFERENCE DATA	<b>4</b>						PAR	PARAMETRIC DATA	
34EF = 2690. LREF = 1290. BREF = 1290. 3CALE =	2690.0000 89.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	IN. XT IN. YT IN. ZT			A S S X	ALPHA = 10	4.529 PTOTL 10.299 BETA -4.999 CBETA .999	L = 91.200 . = 11.000 A = 3.900
		RUN NO.	653/ O RN	RN/L = 6.92						
•	~	Š	5	¥1 U	Շ	Š	න්	<b>OLTALF</b>	CLTBTA	×
-399.490	99.403	.25616	.16979	07512	26062	.06073	02914	-4.87579	3.93060	07427
-396.710	399.540	23952	16190	06264	29704	.06558	03362	-4.90050 -4.90050	3.89220	.29276
		RUN NO. 6	6547 0 RN	RN/L = 6.01						
<b>&gt;</b> -	~	Z	3	CLM	გ	Š	ಕ	CLTALF	CLTBTA	×
-197.910	99.943	.24359	.16214	96811	24473	.04358	02884	-4.92400	3.89560	01378
-200.310	202.330	.25717	.16153	07484	24983	.04150	02904	-5.02230	3.93760	.60136
-199.430	399.680	.25377	.161:13	07337	28140	.05600	-, 02960	-4.89940	3,90350	.26705
	-	RUN NO. 6	6557 D RN	RN7L = 6.01						
>	~	3	3	¥.	Շ	Š	ĕ	CLTALF	CL 1814	×
-100.870	99.536	.24462	.16172	(16196	22013	.04195	03324	-4.94670	4.00076	.07889
-99.548	199.680	.26328	.16198	06859	22386	.04164	93339	-4.97820	3, 93150	37182
-192.479	402.629	.26601	.16133	57881	26719	.54887	03050	-5.99779	3.97290	.00578
			AEDC/VA52	AEDC/VAS28 (IART) -O1ETISI-OFB/ET W L/M SR8 SEFAR	:T1S1-06B/E1	858 F/J 74	SEFAR.		(RTURZO)	( 03 OCT 74 )
	REFERENCE CATA	2						FAR	PARAMETRIC DATA	
40ff = 2690, mm	S COL	domux	1097, 000 TN.	×			5	10	4.520 PTOT	OPS . 19
. #			.NI 0000				<b>₹</b>	. 11		
	.3900 INCHES .0190	2MRP =	450.0000 IN.	й.			й×	0ALPHA =4 X = 300	-4.900 DBETA	A = 3.900
	-	<b>3</b> .0.	6587 D RN/L	'L = 6.03						
•	2	3	5	Ü	Շ	N.	ਵ	DLTALF	CL TB TA	×
-396.520	99.793	.24664	.16131	07235	29580	.06306	031.06	4.90080	3.86965 2	299.84000 300.21000
-399,479	399.665	.23890	.16227	96217	29750	.06574	03388	-4.90670		300,04000
	•	RUN NO. 6:	657/ D RN/L	t = 6.93						

CLTBIA X 3.92890 300.18650 3.91835 300.07000 3.88050 300.05000

DLTALF -4.90690 -4.91990 -4.90740

CBL -.02978 -.02934 -.03960

CYN .04917 .04841 .06063

CY -.26852 -.26774 -.28926

-.97326 -.97448 -.97999

.16584 .16138 .16132

.25528 .25724 .24863

2 99.704 **2**70.140 399.910

-199.093

# AEDC/VASEB (IABT) -OLETISI -CRB/ET W L/H SRB SEPAR.

C DATA	PTOTL = 31.299 BETA = 11.099 SBETA = 3.900
PARAMETRIC DATA	4.520 10.200 -4.900
	MACH ALPHA H CALPHA H
	E 1097,0000 IN. XT E ,0000 IN. YT E 450,0000 IN. ZT
AT.	X X X X X X X X X X X X X X X X X X X
REFERENCE DATA	2890,0900 38.FT. 1290,3000 INCHES 1290,3900 INCHES .0100
	SCALE SCALE SCALE

## RUN NO. 6567 0 RN/L = 6.03

-99.211 99.658 .24218 .181120646826121 .0501903279 -4.92840 3.91160 300.04000 -98.789 199.970 .25334 .161640705525933 .0461003245 -4.92620 3.89370 299.89070 -99.277 399.660 .26022 .16:730767027476 .0521202947 -4.91500 3.88750 299.85000	<b>&gt;</b>	~	3	3	Ť	Շ	ž	න් ජ	OLTALF	DL TB TA	×
199,970 .25334 .161649705525933 .948199262 -4.92629 3.89379 399,860 .26982 .161739767987476 .9521272947 -4.91599 3.89759	-99.211	99.656	.24218	.16112	76468	26121	61050.	53279	-4.92845	3.91160	300,04000
399.060 .260R2 .16:730767027476 .05212729.50 3.88750	-98.769	199.970	.25334	.16164	97955	-,25933	.54810	03245	-4.92629	3.89370	299.89000
	-99.277	399.660	.26:182	.16:73	67976	27476	.05212	T8957	-4.915571	3.88750	299,850Fm

## (4TU221) (-93-3CT-74--) AEDCYVASZB (IART) -DIETISI-ORBZET W LZH SRB SEPAR.

PARAMETRIC DATA

### REFERENCE DATA

SCALE :

2690,0000 59.F"	r. XMA		E 1097.0XX IN. XT	MAOM	4.520	PTOTL =	91.20
1290.3000 INCH	ES YAS	<u>ت</u>	1290.3000 INCHES YHRP = . (RRY) IN. YT	ALFHA =	ALPHA = 19,200 BETA = 11,900	BETA =	11,990
1290.3000 INCH	.s.	4	= 450.0000 IN. ZT	CALPHA =	.199	08E7A =	8,000
66.60				" ×	600		

## RUN NO. 6597 5 RN/L = 6.02

<b>&gt;</b>	~	3	3	Ť	Շ	ž	ð	2	있.TBTA	×
-300.000	-100.110	.25720	15994	07595	27370	.04023	02755	.09578	7.68900	17555
-399.700	-1.065	C6053.	15699	0776	27459	.05043	:: 12779	.14077	7.96119	25013
-400.579	99.603	.26326	115907	Cet26	27894	.05373	02760	10002	7.96370	17536
-396.110	199.090	.26943	.15915	07855	28586	.05805	-, 92774	10366	7.85530	19675
-399.219	399.765	124964	.16139	06355	23665	.06533	63320	51960	7, 49339	76855.
		ACN NO.	607 D RN	3471 = 6.02						
•	2	ž	3	ð	દ	ž	9	CLTALF	9.1A	×
-202.790	-99.421	.26567	.16309	08419	-,25454	.02197	02463	. 12971	6.02349	-1.02150
-200.119	-1.450	.24426	.16418	-, 96959	21147	57650.	12911	.917.33	6.02729	-, 05302
-199.545	39.742	21015.	.16436	-,06276	21643	.03164	12951	.05879	7, ≎3∩90	2622A
-196.735	199.650	26915	.16169	00155	-,23470	.03611	206201-	.57270	7,91579	16675.
-200.511	399.555	.25392	.16172	57320	27951	.95478	03923	53950	7.91750	. 87169

E DATA
TABLE ATED SOURCE DATA
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DATE ED MAY
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047E 20 MAY 75	14 75			1467	1AB7 TABULATED SOURCE DATA	OURCE DATA					PAGE 1	183
			AEDC/VAS:	28 (1487) -01	AEDC/VAS28 (1A87) -OLETISI-ORB/ET W L/H ERB SEPAR.	TVLASE	SEPAR.		(810222)		( 03 OCT 74	_
	REFERENCE DA	DATA						ž	PARAMETRIC DATA	DATA		
904E = 3	2990.0000 50.FT. 2990.0000 1WCHES 1290.3000 1WCHES	7 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	.0000 IN. XT .0000 IN. YT .0000 IN. ZT			MACH ALPHA CALPHA X		4.520 10.200 .100 300.000	PTOTL BETA CBETA		91.200 11.000 8.000
		RUN NO.	662/ D RN	RN/L = 6.02								
-	~	3	5	G	Շ	ž	ਝ	DLTALF	D.TBTA	<b>*</b>	×	
-396.040	04099.919	.25361	.16040	07319	28455	.05650	02924	.09848	7,83759		299.50000	
-491.300	190. 091	.25678	.15996	07547	28527	.95741	02897	.05304	7.94050		300.18000	
-399.59%	59% 100,500	.25818	15987	-, 97699	28852	.05955	02838	.07268	7.82349	•	300.20000	
-398.860	060 200.250	.25175	11691.	97231	29518	.96381	02979	.07398	7,82390	•	300.00000	
-399.795	790 399.690	.23901	.16233	56218	29719	.56561	03362	.09529	7,90245		399,02000	
		RUN NO.	661/ D RN	RN/L = 6.02								
>	2	3	5	Š	Շ	ž	ě	CLTALF	CL TBTA		×	
-199.830	570.76- 050	.26043	16033	07814	25114	.03669	02715	.0.989			300.01000	
-199.900		.25963	.16150	-,97062	25469	.04187	03048	.08975	7.92890		300,03900	
-200,430	130 99.660	.25845	.16131	97479	25169	.04017	02971	.08252	7.95479		300.27000	
-199.649	~	.26525	.16138	07585	25793	.54322	02931	.06913	7.91900		299,99000	
-199.149	140 399.730	24795	.16?97	06865	28896	.06056	03117	.09671	7,87895		295.91000	
			AEDC/VAS	28 (I A87) -01	AEDC/VASZB (IABT) -OIETISI-ORB/ET W L/M SAB SEPAR,	T W L/M 548	SEPAR.		(RTU223)		( 93 CCT 74	^
	REFERENCE DA	CATA						Ŗ	PARAMETRIC BATA	CATA		

		HETER.	REFERENCE CATA	<				PARAMETRIC BATA	IC DATA	
246	H	2699.0000	.F.T.	X S	#	1097.0000 IN. XT	# W#	4.520		**
LXEF	*	0606,0851	INCHES	A A	**	MARP = .0000 IN. YT	ALPHA ::	10.200	BETA	"
	#	BAEF = 1290,3000 INCHES	INCHES	d W	11	490.0000 IN. ZT	CALPHA ::	5.100		**
SCALE =	*	2010.					×	300,000		

91.200 11.000 8.000

		PON NO.	8637 D RN	RN/L = 6.00						
<b>&gt;</b>	~	3	đ	Š	Շ	ž	ਵੱ	CL TALF	CL TB TA	×
-397.620	-199.999	.25466	.15967	07364	28320	.05596	02942	5.10030	7.88729	299,89000
-347.090	735	.25751	16009	07590	26459	.05714	02887	5.13620	7.63939	299,74000
-399.160	96.325	.25771	15994	07647	28919	.05994	02849	5.19200	7.89360	299.95000
-396.950	199.880	.24753	. 16944	06921	29553	.06431	03981	5.11350	7.87459	299.76500
-346.670	399.940	.23883	.16219	- :06219	29725	.06564	03343	5.09410	7.87450	300,06000

# AEDC/VAS28 ([A87) -OLETISI-ORB/ET W L/M SRB SEPAR.

(RTU223) ( 03 OCT 74 )

PARAMETRIC CATA

91,200 11,000 8,000

REFERENCE DATA

CATE PO MAY 75

HEA

MACH = 4.520 PTOTL =	HA = 10.200 BETA	PHA = 5.190 DEETA	000,000 = x	
TO YM	ALF#	CALP	>	•
×	; <b>;</b>		. 7	
2			11	
2	TA 10000 - 10000	THE REPORT OF THE PARTY OF THE		
,		18	10	
5				
		_	_	
:	20.0	NC ACT		_
	2690.000.0692	1299.3909 INCHES	1290.3000 INCHES	0010
	# 2690.0000 sq.rl.	LREF = 1299.3000 INCHES	= 1290.3000 INCHES	20100

	X 3.302.48923 3.302.56933 5.295.6893 3.295.53393 3.302.48933
	DLTB1A 7.96420 7.90600 7.91040 7.86480 7.89980
	5.10420 5.10420 5.11590 5.07620 5.09720
	CBL 03086 03024 02996 02949
	CYN .03935 .03911 .04211 .04505
	CY 24984 25428 2558 25585
راء 6.90	CLM 06628 07292 07420 07524 06681
564 D RN/L	CA .16175 .16144 .16118 .16184
RUN NO. 66	CN .24533 .25519 .25738 .25914 .2472
	2 -101.030 -2.631 99.937 199.740
	7 -200.590 -201.970 -199.230 -198.470

## (RTU224) ( US OCT 74 ) AEDC/VAS28 (1A87) -OIET1S1-ORB/ET W L/M SRB SEFAR.

### MEPERENCE CATA

91.209	11.939	6.999	
н	**	н	
PTOT	BETA	CBETA	
4.529	19,299	5.190	5
	11	#1	,
¥	ALPHA	CALFMA	,

PARAMETRIC CATA

### = 1097,0000 IN. XT = ,0000 IN. YT = 459,0000 IN. ZT SART = 2690.0000 50.FT. 1 LART = 1290.3000 INCHES 1 BART = 1290.3000 INCHES 2 SCALE = .0100

× 75346 .56908 .81332 47364.	x 01316 41537 .46845 .15464
0,161A 7,88620 7,84150 7,88790 7,82810 7,91570	5LTBTA 7.87410 7.89846 7.92990 7.51790
DLTALF 5.10190 5.07600 5.09680 5.05410 5.10430	5.13230 5.11230 5.66470 5.67590 5.10780
02767 02775 02765 02901 03342	CBL 02946 03022 02962 02959
CYN .04731 .05022 .05474 .06047	CYN .02642 .03255 .03616 .03945
CY 26980 27300 28724 28943 28943	CY 20579 21067 22556 24205
CLM07679079140795407954	CL = 6.00 CLM 06746 07324 07307
CA CA CA CA CA CA CA CA CA CA CA CA CA C	CA .163541635616439161951619516195161951616216162
RUN NO. 66 CN .25774 .26186 .26222 .25459	CN CN CN CN CN CN CN CN CN CN CN CN CN C
2 -100.590 -172 95.690 200.600	2 -101.000 -1.410 99.726 199.770
7 -396.640 -399.640 -399.660 -399.660	-196.390 -195.090 -196.310 -196.480

DATE EO MAY 75				1 1487 1	IAST TABULATED SOURCE DATA	NACE DATA				PAGE 185
			AEDC/VAS2	8 (1487) -OIE	AEDC/VAS28 (1A87) -OIETISI-ORB/ET W L/M SRB SEPAR.	I W L/M SRB	SEPAR.		(ATURES)	( 93 OCT 74 )
	REFERENCE DATA	4						à de	PARAMETRIC DATA	
• н	DDDD SQ.FT.		1097,0000 IN.				SACH ALPHA	** ** **	4.520 PTOTL 10.200 BETA -4.900 CBETA	1 = 91.200 1 = 11.000 1 = 4.000
SCALE = 1295.	1295.3000 INCHES		430.0005 IN.				S ×	1 11		
	•	RUN NO. 6	6677 0 RWL	₁ = 6.03						
>	*	3	5	5	S	Š	ਝ	CLTALF	CLTBTA	×
-396.760	94.358	66292	15903	-,00011	27651	57150.	92735	-4.82570	7.92950	16867
-399.375	199.945	24234	.15073	56147	28166 29639	.05547	03257	-4.89450 -4.90060	7,90220	-,10168
		PUR NO.	668/ 0 RM/L	ກະ 6.03						
•	~	3	5	<b>1</b>	5	š	ਵੱ	CLTALF	CL TB TA	×
-199.240	99.95	.26271	.16480	00011	21111	.02753	02742	-4.94069	7.92029	35579
25.42	272.080	.27186	16291	06380	22217	.02861	02034	-5.04900	6.01679	83988
-200.010	399.450	70592	.15963	-,08053	26662	.04725	02876	-4.97867	7.92930	.14585
			AEDC/VA52	98 (TAB7) -OIE	AEDC/VASZB(IABT)-OIETISI-ORB/ET W L/M SRB SEFAR.	EWLM SAB	SEFAR.		(470226)	( 93 OCT 74 )
	NEFERÊNCE CATA	2						F.A.R.	PARAMETETE DATA	
2667 : 2680.	2660.0000 50.FT.	H PROX	.N1 0000.7601	IN. XT			Ð	••		••
	1290.3000 INCHES	* dige.	0000				¥ Br	" "	10,205 BETA	11.000 A = A.000
SCALE : 1795.	1290.3000 INCHES	i i	450.CRE0 IN.				×			ı
	-		670/ 0 RN/L	A = 6.03						
•	~	3	3	g.	გ	£	ಕ	CLTALF	Q.TBTA	×
-396.079	28.6%	.25931	15976	07755	28678	.05848	92012	-4.89510	7.85845	299.44000
- 395.090	13.600 25.600	.23067	.16180	06214	29675	.06552	03377	-4.90690	7.9007	300.14000
	•	PUN 10.	669/ g RN/L	ν: 6.33						
٠	~	3	5	<b>1</b> 0	გ	ž	Ę	OLTALF	CL TB TA	×
-200.920	***************************************	.25639	.16055	07360	25321	.04091	: 05964	-4.91360	7.96180	300.21000
-240.394	200.190	G6092	.16150	07629	25047	336£U.	12896	1.93790	7.94590	300.16000
-186.663	388.890	.25351	1581.	07342	28143	.0960.	12.958	2XX	(142/8°)	233.81.623

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PAGE 185

P40E 186

CATE 20 MAY 75

69.499 15.899 -.179 (RTU227) ( 53 NOT 74 ) PTOTL = BETA = SEETA = FARAMETRIC CATA 4,529 11,040 200. MACH = ALPHA = CALPHA = X AEDCZYASZR (TABT) - OLETISI - ORBZET W RZM SRB SEPAR. YMRP = 1097,0000 IN, YT YMRP = 0000 IN, YT ZMRP = 450,000 IN, ZT REFERENCE DATA SEEF = 2690.0000 50.FT. X LREF = 1290.3007 INCHES Y BREF = 1290.3007 INCHES Z SCALE = .0170

<b>&gt;</b>	~	3	3	¥)	S	N.	é	CLTALF	CL TB TA	×
10.516	-100.090	.23449	.16826	95699	46859	09160	04515	01271.	-,11799	54654
19.500	336	.22933	.17147	54929	46360	7780.	D4347	.15399	12396	.51064
19.993	99.264	.24498	.17327	05915	44515	.09044	68199	.14861	15520	.41133
19.393	199.465	.25597	.17589	57598	45429	.19359	05558	.14164	09656	.46342
10.593	399.790	.2A575	.17854	9,0,60,1	47662	.11677	£66561−	.13385	19648	.42953
		RGN NO. 62	6737 G EN	EN/L = 4.05						
<b>&gt;</b>	~	3	ಕ	נר	Շ	Š	<del>ਦ</del>	CLTALF	CLTBTA	×
1901.220	-100.649	.25231	.16618	-, 96564	45329	.09110	04306	.16833	10353	.60358
102.179	-1.847	.24722	.16967	95731	45062	139495	94796	.29591	17933	. 58882
100.619	99.641	.24371	.17684	55974	44715	91660.	95197	.13793	113A2	.40383
100.720	199.690	.25378	.17755	95847	45176	19367	-,05449	.132%	-,10600	.62567
626.161	399.820	.28630	.17855	59013	47214	.11510	06508	.12334	S8446	. 59424
•	•	ž	5	¥ Ü	5	Š	ŧ	CL TALF	A787.4	×
00.500	-99.423	.24682	.16730	+029U*-	45764	.09634	04300	.15794	12635	.45729
200.550	-1.205	.22695	.16947	04640	45372	9686G.	DA179	.21624	17367	.25167
102.00	\$3.934	.24550	.17354	96:63	45149	88860.	€896	.14835	08719	C+C84.
PM. 439	199.965	.25566	.17568	-,06475	45690	19439	65199	.15733	CA314	.52434
200.170	490,510	.24859	.:7821	99183	47132	.11590	06012	.12418	- 18301	.63207
		**************************************	6717 G RN	FNA = 4.95						
<b>&gt;</b>	~	3	3	ð	გ	ž	<u>ල්</u>	OLTALF.	DL 78TA	×
191.439	-100.370	6U\$92°	.17273	97734	-,47400	.11219	:4876	.18558	15352	.52570
659.000	596	.26178	.17474	97396	47779	.11574	- : £4999	. 14939	11255	. 54529
649.649	99.651	.26279	.17624	97377	47967	11914	55290	.16495	11959	5.460
695.595	199.467	.25971	.17699	07149	47911)	.11983	05232	.14411	1179G	. 48630
000,000	100 . 645	28856	17729	18860	47792	12:37	05776	14345	15543	ACACA.

(RTUZZB) ( 53 OCT 74 )

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# AEDC/VASZB (IAB?) -OIETISI-ORB/ET W R/M SRB SEPAR.

## PARAMETRIC DATA

	= 69.400 = 15.800 100
	10 H 14
	FIOR BETA SETA
PARAMETRIC DATA	MACH = 4.520 ALPHA = 19.099 DALPHA = .299 X = 500.090
	MACH ALPHA :: DALPHA :: X
REFERENCE DATA	SAEF E 2600.0000 54.FT. XNMP z 1097.0000 IN. XT LREF E 1290.3000 INCMES YNMP z .0090 IN. XT BAEF E 1290.3000 INCMES ZNMP z 499.0000 IN. ZT SCALE E .0100

## MUN NO. 675/ G RN/L = 4.05

		į		,						
	,	į	3	1	č	N.	Je.	OLTALF	D, TB TA	×
-	2	5	,	2000	48140	10453	00990	.17821	13919	299.85000
10.651	-100.150	23782	. 1686	10000	200	******	- 04747	14928	12837	300,13920
10.671	021	.24141	17307	05538	46660	.1.7.53		9661.		200
	270	25561	11271	06571	46000	.19147	05353	.13710	- 10763	303.10.10
10.7	2000		4604	- name	47378	.11473	05791	.12756	11540	300.22000
2	18.610						17300	1 1 0 0 0	11749	300,020,000
10.01	299.690	.27551	17604	\$5.50°-	- 1.063	61911.				
		3	475 0 EN	RN/L = 4.05						
,	•	3	2	*	S	ž	ť	CLTALF	CL TB TA	×
-	,	,	16874	06728	0.47220	.19213	04509	.07911	14139	299.96000
101.101	-97.75	16163.	100	76456	- 46685	10263	04905	12694	14252	299,75000
20.5	960.1	25153.		2000	16.91	AVA.	95452	11069	-, 93544	300.010.00
1.15	101.590	16292			2000			7301	TARCH -	100.09070
199.769	199.660	.27443	.17660	-, 26112	46652	.11213	20,000	1030	10000	000
130.77	39.790	.27642	.17632	•.06648	47739	.11964	05576	15051	11088	C33 - 34 : Kel
		G NO	877.0 EM	ん: 4.05						
	•	ł	3	š	٤	ž	ਰੰ	OLTAL!	Q. TBTA	×
-		5	,	2000	18881	17878	04422	.:2910	15236	300,18000
<u> </u>	-48.570	104.2		00000		98.	04740	.09569	14107	300.29000
M1.170	1	. E4442	.17450	1000			04970	15764	17343	300,06000
21.12	190.010	23864	37736	£16.6.		***			016.	00000
	100.355	.27433	17945	- Denet	47295	116.14	05547		.11639	Board and
200.003	399.460	. 27090	.17539	00733	47717	.11953	05542	. 15468	13956	3(2).21(22)
		į								
	,	3	3	3	č	ž	ಕ	SLTALF	DL 18 TA	
•	~	5			10107	1961	05476	.23569	~.05264	
366.52	-102.255	206.2			16000				A 2 50	
344.510		£6514	.17517	07529	48295	12438		court.		
1	151	76304	7499	07519	47927	.12147	25150	13416	2631	
	604	67463	10941.	06355	47739	11221.	05439	. 13448	16697	300 06000
10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	200	27013	17559	00071	47541	.11518	05460	.13932	51:821	299.99
- A - C - C - C - C - C - C - C - C - C	316.44	•	•	•						

DATE PO MAY 75

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(#TUZZP3)	PARAMETRIC CATA
AEDC/VASSB (1A87) -OLETISI-CHB/ET W R/M SAB SEPAR.	
	REFERENCE DATA

Mail s	0616.	: •					×	300 m	390,000	* * 1982	- 100
		9	602/ G R	RIV. = 4.04							
٠	~	3	5	3	Շ	Ē	ŧ	DLTALF.	CLTBTA		
19.914	-100.200	.23534	.16966	05300	49063	.10693	94362	5.19320	14511	000101000	1000
10.245	167.2	\$4449	.17362	05591	46197	62960	04800	5.06180	12441	•	0009
19.61	35.144	00082	.17669	96207	45531	.10053	1658!	5.15890	11354	0000001000	2000
11.9%	139.530		.16746	00040	46744	35111.	05011	5.14250	11774	1 300.12000	5002
11.766	399.790	2723	.17640	56154	47557	.11770	05479	5.15439	12197	7 299.99000	0006
		3	6417 0 R	RN7. = 4.94							
•	~	3	3	ð	ځ	š	É	CLTALF	CL 18 TA	×	
101.00	-102.500		.16966	06321	47841	10406	04425	5.26219	15583	3, 3,00,470,00	7000
191.969	338		.17463	06466	46675	19213	04926	5,16890	133 R7	393,99999	0006
151.519	99.678		.17822	97161	46505	.10793	05451	5.14569	11545	390.11990	0001
199.579	199.760	.27463	17913	00114	46319	19997	05735	5.13979	19201	UK. 66.965 1	9.77.9
171.260	399.640	. 27419	.17645	00321	47586	.11818	05489	5.16659	19655	395,2299	DOG:
		AUN 183.	6 807 0 84	RN/L = 4.05							
•	~	5	3	ð	č	£	ĕ	CLTALF	CL 18 TA	×	
200.379	-170.270	.24307	.16×61	76116	-,47333	.17664	04296	5.18860	13:49	1 299.94000	000
199.417	65	29882.	.17593	- : :6663	47739	.11483	54961	5.20360	09408	000787-662 (	0001
PM.040	199.939	21625.	.17762	€0.00	47232	.11391	20250*-	5.13770	Fi31 74	1 299.89000	900
199.865	199.617	36115.	.17928	CA349	47149	.11507	05591	5.14690	-,1.379	0.299.64070	COURT
PM. 38"	399.319	.27352	.17579	54275	- :: 465	.11809	08427	5.14080	1221	396,93966	9998
		RUN NO.	679/ O Rh	RML = 4.95							
۰	~	ટ	3	M To	Շ	£	ਲ	CLTALF	Q. TBTA	×	
601.2Pm	-197.410	26492	.17545	57645	40755	01821.	55445	5.18239	14326	350,19000	COLC
430.413	618	\$2992	.17569	07733	48689	.12691	-,95394	5.19419	£0160	355,68000	900
50	967.46	52125	.17540	07019	48260	.12 .33	53292	5.17270	11193	326.51960	930
20.00	199.779	.27647	17672	SA 526	47A99	.12123	05475	5.15950	11521	300.57000	2000
25.		26916	17585	07945	47732	.11516	5424	5.15247	A 7 MI 1	Control Control	999

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DATE 20 MAY 75	•			1 467 1	INBY TABULATED SOURCE DATA	URCE DATA				PAGE 189
			AEC:/VA52	18 (1 AE7) - YE	AEC. /VAS28 (1ACT) - YETIS1-ORB/ET W R/H SRB SEPAR.	WR/H SRB	SEPAR.		(RTU230) (	( 03 OCT 74 )
	REFERENCE DATA	¥.						PARA	PARAMETRIC DATA	
				!			3		A 620 PTOTI	60.400
<b>H</b> H	1,90.0000 SQ.FT.		1097.0000 IN. XT	k t i ž ž :			ALPHA			11 11
BAREF = 1290. SCALE =	1290.3000 INCHES	# dispara	490,0900 IN. ZI	- 7 - 2			×	, ,,		
		RUN NO. 6837 D	837 D RN/L	A = 4.04						
•	•	ð	5	Ę	Շ	Š	ਵੱ	DLTALF	CLTB TA	×
10.735	-150.115	.21874	.16955	04216	47611	26690'	04048	5.18690	15975	.24776
19.463	.049	.22553	.17252	04446	45053	.08759	04785	3.14595	-10039	07004
10.205	99.754	.23962	.17431	05689	-,43574	.08878	05167	5.15660	- 12783	54791
11.398	199.700 399.570	.28357	.17699	08923	47391	.11561	05944	5.14689	10202	.45659
		RUN NO.	5847 D RN	RNZL = 4.94						
;	•	ð	5	3 C	ځ	č	é	CLTALF	CLTBTA	×
- 600	7	78787	1,6666	05817	45425	.08851	04169	5.17630	13991	00629*
100.690	932.001-	22508	17520	04554	44239	.08923	04558	5.15439	11397	.41782
100.340	99.626	24289	.17741	90650	43948	.09540	05250	5.13450	10329	.41791
99 517	198.850	.25447	127727	06924	44892	.10252	95511	5.18295	04301	.43739
99.579	398.170	.28698	.17752	09121	46994	.11419	06015	5.18449	-,52860	.72923
		RUN NO. 6	685/ D RN	RN/L = 4.04						
,	•	3	3	ī	5	Š	ම	DLTALF	CLTB1A	×
95. 106	190	24013	16787	05562	-,46086	.09612	04172	5.18010	12995	.72752
200,400	525	.23660	.17191	-,05266	45250	.09494	04476	5.15920	59029	.69553
201.250	100.300	.24791	.17464	06056	44882	109674	-, 04960	5.12710	16615	.47629
200.880	199.100	.25104	.17666	06447	45641	.10466	05241	5.15709	11685	. 53695
200.830	399.810	.28999	.17843	09323	47936	.11479	06026	5.12129	13612	.31628
		RUN NO. 6	6867 D RN	RNZL = 4.04						
•	•	3	5	Ţ	ځ	Š	ಕ	CLTALF	CLTBTA	*
400.960	-100.679	.26453	.17318	97639	47964	.11456	04787	5.20290	14255	.48988
400.350	670.	.26436	.17564	57492	48155	.11748	05529	5.15139	12915	.37520
479,479	99.796	.26635	02771.	97573	48112	.11924	05306	5.15719	11679	.53250
499.179	199.619	.26276	.17744	57394	47722	.11895	05199	5.16149	11194	.38802
400.530	399.820	.28945	.17765	09418	47713	.11992	05808	5.16310	10435	. 59339

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## IA87 TABULATED SOURCE DATA

PAGE 190

AEDC/VAS28 (IA87) -O1ET1S1-CRB/ET W R/M SRB SEPAR. (RTU231) ( 03 CCT 74 )

	REFE	REFERENCE DATA	ITA						PARA	PARAMETRIC CATA	<	
176F = 2 LREF = 1 BREF = 1 SCALE =	2690.0000 Se.FT. 1290.3000 INCHES 1290.3000 INCHES	SQ.FT. INCHES INCHES	XMRP = ZMRP = 1	1997,0000 IN. XT .0000 IN. YT 450,0000 IN. ZT	.0000 IN. XT .0000 IN. YT .0000 IN. ZT			X DALL	MACH = 4 ALPHA = 10 DALPHA = -4 X	4,529 PTOTL 19,009 BETA -4,900 DBETA .009	H H H	69.499 15.899 199
			RUN NO. 6	695/ D RN	RN/L = 4.54							
>	2		3	ర	3	გ	Š	ಕ	CLTALF	C, TB TA	×	
19,111	o .	042	.27568	.17126	08651	47440	.10335	05917	-4.88260	09526	16390	<b>26</b>
10.636		199.810	26198	17638	03963	45873	.09313	-,10083	-4.85239	11798	.18417	
10.002	,,,	359.980	.28318	.18020	08741	47872	11779	06917	-4.87949	19874	18461	f61
		_	RUN NO. 6	689/ D RN	RN/L = 4.54							
<b>&gt;</b>	2		3	5	ð	Շ	Š	ē	Ct TAI F	O 18 14	*	
100.865	S	.614	.26099	.16981	07442	45581	9838	05303	6.87920	091 71	JAEAB.	80
101.280		99.919	.23527	.17582	05429	45333	10200	05998	-4.85583	12533	.10658	58
99.987	•	026.661	.25412	.17894	06868	45422	.19455	05445	-4.86883	9615	16112	2
100,945		99.910	.28337	11911.	08783	47376	.11583	55980	-4.89165	11483	.49851	151
		-	RUN NO. 688/ 13		RN/L = 4.54							
>	2		3	<b>5</b>	Š	ბ	ξ	ë	C TALF	C: TB TA	×	
201.900		.794	.23701	.16843	05555	45362	.09655	04517	-4.86195	13998	.08418	6
200.079		98.759	.23511	.17364	05344	-,45351	.09984	04708	-4.79090	08915	20722	22
199.080	-	199.539	.25228	.17616	06611	45744	.15449	05244	-4.85150	05190	.27267	67
200.200		101 .090	.28752	.17936	09015	47374	.11630	06019	-4.92670	14342	.43366	99
		•	RUN NO. 61	6877 D RN/L	\r = 4.94							
>	2		3	5	Ę,	ბ	Š	ğ	Ct. TALF	<u>श</u> 4181	×	
499.439		368	.25965	.17488	97273	-,47496	.11364	04943	-4.83120	11386	.44867	29
499.149		99.546	.25917	.17664	97153	47713	.11761	05190	-4,82970	"9422	.473	29
400.750	-	99.330	.25626	.17789	56889	48018	.12576	05243	-4.85920	119GR	.552	61
399.750	••	199.720	.28729	.17833	59250	47940	.12130	05744	-4.86119	59553	.53892	26

## SEPAR.

(RTU232) ( 03 OCT 74 )

	= 60.400 = 15.800 =100
DATA	PTOTL SETA S
PARAMETRIC DATA	4,520 10,000 -4,900 300,000
	MACH = ALFHA = DALFHA = X
	= 1097.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT
<b></b>	XMRP YMRP ZMRP
RENCE DATA	SG.FT. INCHES INCHES
REFER	SAEF = 2690.0000 S( LREF = 1290.3000 I) BREF = 1290.3000 I) SCALE = .0100
	10 16 10 H
	SAEF LREF BREF SCALE

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FAGE 192

(RTU233) ( 03 OCT 74 ) AEDC/VAS28 (1A87) -O1ETIS1-ORB/ET W R/H SRB SEPAR.

	REFERENCE CATA	¥						7. A.	PARAMETRIC DATA	ATA	
SREF = 2690 LREF = 1295 BREF = 1295 SCALE =	2690,0000 50.FT. 1290,3000 INCHES 1290,3000 INCHES	XMRP YMRP ZMRP II	1097.0000 IN. .0000 IN. 455.0000 IN.	IN. XT IN. YT IN. 2T			MACH ALPHA CALPHA X		4,520 F1 10,000 BE 200 DE	FTOTL = BETA = DBETA =	69,495 15,899 -4,199
	-	RUN NO. 6	6977 S RN	RN/L = 4.03							
<b>&gt;</b> 6	2	CN	(A 6743	CLE	CY	CYN	CBL	CLTALF 24744	CLTB TA	•	. mise
199.491	-155.460	.23566	.16923	-,05302	46850	.10183	04625	.16350	-4.12869	·	09412
199.569	99.601	.25239	.17798	96395	45391	.19122	05243	.14995	-4.11115		.08849
199.659	199,670	.26092	19771.	07332	45699	.10642	05525	.13486	-4.10595		05029
101.159	400.125	.28599	.17788	-, 58943	47012	.11396	-,05950	.11921	-4.19859		.58008
,	-	RUN NO. 6	6967 (J. RN.	RN/L = 4.03	2	ξ	ē	14 14 20	g č	<b>&gt;</b>	
- 5		10000	2000	2000	75856	40 4 7 E	104704	09347	06111		075.50
200.490	-:.22	.23015	17014	04952	45653	.09722	04305	.17650	-4.12949		11463
200.840	99.981	.25094	.17569	()6383	45145	69860.	-,05091	17208	-4.13820		05985
199.280	199.790	.25677	.17795	()689()	45681	10429	05317	.12823	-4.04440		.36790
199.130	399.340	.28720	.17861	-,09063	47004	.11416	05973	.14479	-4.03880		.40821
	ध	PUN NO. 6	695/ C RN	RN/L = 4.03							
<b>&gt;</b> -	2	3	3	Ð	ځ	Š	é	CLTALF	CLTBTA	×	
401.460	-99.879	.26330	.17332	97582	47330	.11946	94791	.14541	-4.14959		.65771
399.990	-1.069	.26298	17507	97374	47619	.11382	4917	.21976	-4,58640		.49826
400.920	99.362	.26356	.17694	07402	47848	.11744	05260	17799	-4.13259	•	58873
400.420	199.310	.26129	.17782	1171.89	47759	.11822	05250	.15385	-4.10990	•	50901
399.68	399.650	.29511	.17825	09421	47777	. 12013	55817	14021	-4.09190	•	5331

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PAGE 193

AEDC/VAS28(1A87)-O1ET1S1-ORB/ET W R/M SRB SEPAR.

(RTU234) ( 03 OCT 74 )

PARAMETRIC DATA

69.499 15.800 -4.190

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11 M M
PTOTL BETA DBETA
4.520 10.000 .200 300.000
MACH HALPHA ROALPHA R
: : :
XMRP = 1097,0000 IN. XT YMRP = ,0000 IN. YT ZMRP = 450,0000 IN. ZT
90.FT. INCHES INCHES
EMEF = 2000.0000 50.FT. LMEF = 1200.3000 1MCHES SCALE = .0100
BUEF =

## RUN NO. 698/ 0 RN/L = 4.03

4 4 6	909 732 734 795 795 7699	9 9 9 6	-,48598 -,4722 -,46878 -,45878	.10921 .10907 .11080 .11311	04793 04994 05445 05700	.16302 .06302 .13858 .13667	-4,13290 -4,18450 -4,01850 -4,10310 -4,11830	300,11000 299,92000 299,7000 299,94000 299,97000
70N NO. 695	8997 D RN	RN/L = 4.03						
3	5	G.	Շ	ž	ම්	CLTALF	OLTBTA	×
_	.17038	06856	47160	.10861	04492	13095	-4.17180	300,20000
	.17557	96552	47571	.11388	04918	,09004	-4.11650	300,07000
	11798	97332	47499	.11570	95360	.12997	-4.17169	300.31000
	.17958	08062	47073	.11438	05552	. 14527	-4.19929	300,06000
	.17631	08486	47619	.11883	-,05474	.16858	-: .n966n	300,05000
40	7007 G RN	RN/L = 4.03						
	5	<b>T</b>	Շ	Š	<del>ව</del>	CLTALF	OL 78 TA	
	.17613	07498	48618	12737	05491	.15171	-4.124 BÜ	
	.17649	07459	48641	.12798	05315	.19271	-4.10150	
	.17695	97611	48274	.12396	05187	.17588	-4.15160	
	.17656	08451	-,47944	.12199	05443	.11726	-4.16799	390,90900
36036	,	.000	40067		104.00	70700	01085 77	

AEDC/VASEB (IABT) -OLETISI-ORB/ET W R/H SRB SEPAR.

PAGE 194

(RTU235) ( 03 OCT 74 )

	REFERENCE DATA	STA.						PAR	PARAMETRIC DATA	
SREF = 2690 LREF = 1290 BREF × 1290 SCALE =	2690.0000 80.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP :: ZMRP ::	1097.0000 IN. .0000 IN. 450.0000 IN.	IN. XT IN. YT IN. ZT			MACH ALPHA CALPHA X	""""	4.520 PTOTL 10.000 BETA 5.200 DBETA 300.000	PTOTL = 60.400 BETA = 15.800 CBETA = -4.100
		RUN NO. 7	703/ 0 RN	RN/L = 4.03						
<b>&gt;</b>	2	8	5	3	5	Š	ਵ	OLTALF	Q.TB.TA	
100.710	-190.190	.25413	.17022	06701	49307	.11131	04587	5.18570	-4.13860	300.04000
199.920	248	.26121	.17567	06849	47674	.10562	05004	5.17420	-4.13890	300,04000
191.199	199.620	.27554	17955	08135	-,46341	11996	05713	5.13680	-4.11695	300,23000
199,779	399.820	.27223	.17696	00148	47386	.11716	05441	5.16290	-4.10449	300,09000
	_	RUN NO. 76	702/ D RN	RN/L = 4.53						
>	2	3	3	Ę.	გ	Š	ಕ	CLTALF	CLTBTA	×
201.030	-100.430	.24768	.17112	06379	47592	.11003	04356	5.18939	-4.14659	300.19000
199.390	<b>76</b> G*	.25831	.17660	96967	47663	.11496	-,05967	5.19835	-4.05870	299.9900
199.450	99.911	.26285	.17896	97219	47239	.11332	05251	5.15290	-4.09429	299.91900
200.700	199.610	.27998	.17957	08469	46967	.11375	05646	5.16419	-4.11599	359,14500
199.910	396.739	.27322	.17667	08240	47414	.11775	05415	5.15860	-4,04870	399,08900
	-	RUN NO. 70	7017 9 RN	RNZL = 4.03						
>	2	3	ర	Ę	Շ	Š	190	CLTALF	DL TBTA	×
401.400	-99.762	.26349	.17631	97518	49044	13/22	05457	5.14549	-4.16429	299.97000
400.060	100	.26576	.17664	07756	48977	.12922	05323	5.21895	-4.11599	300.12000
401.020	99.199	.26825	.17639	97853	48498	.12516	05208	5.19280	-4.11280	300,13000
499.759	199.760	60675	17539	08713	48968	.12281	95597	5.16910	-4.15520	300.18900
400.830	399.650	.26924	.17594	07989	47012	.11527	55420	5.15169	-4.11450	300,09060

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## 1487 TABULATED SOURCE DATA

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AEDC/VAS28 (IA87) -OIETISI-ORB/ET W R/H SRB SEPAR.

(RTU236) ( 03 OCT 74 )

### REFERENCE DATA

SMEF = 2890.0000 50.FT. XHRP = 1097.0000 IN. XT LMEF = 1290.3000 INCHES YHRP = .0000 IN. YT BMEF = 1290.3000 INCHES ZHRP = 450.0000 IN. ZT SCALE = .0190

### PARAMETRIC CATA

60.499 15.899 -4.199 PTOTL = BETA = CBETA = 4.520 10.999 5.299 MACH = ALPHA = CALPHA = X

## RUN NO. 7547 5 RN/L = 4.53

>	~	ð	5	3	ځ	3	ē	7.14.5	2	>
500	900				;		ָ ק	ָרְרָאָרָ הרוא		<
2000	100.190		.1003	1700	48058	88660.	04230	5.18720	-4.14959	4266
99.993	423	.23156	.17099	04859	45725	.09453	04645	5,16349	-4.11150	5097
199,999	99.470	.24778	.17.44	06095	44142	52860.	05282	5.14270	-4.09420	
97.295	199.800	.25583	.1 734	97519	44987	91601		15200	-4 081 YD	4041
191.919	399.550	.28398	.17731	08897	46884	.11353	05912	5.13690	-4.11010	. 58150
		RUN NO. 7	7057 D RN	RN/L = 4.03						
>	7	3	5	¥	č	ž	Ē	ب خ د	ę č	>
202.250	-101.060	.24791	.16890	96121	46742	1000	104304	2006	12000	,6462
250.035	644	.23569	.17400	05138	45469	00960	04489	5.16640	10790	7048
200.379	100,390	.25122	.17595	06329	44737	09590	55082	5.19760	-4 30850	1221
250.981	199.719	.25234	.17684	76528	45546	19395	05244	5.13270	-4.16700	405.7
678,075	399,799	.28769	.17796	9167	46847	.11350	1.95971	5.11710	-4.11319	48947
		RUN NO. 7	7067 G RN	RNAL = 4.02						
<b>&gt;</b>	~	ह	đ	¥)	გ	Š	ē	7. 14.	4181	>
399.950	-103,969	.26314	.17377	07539	47983	11359	04674	5 23.9	15010	4744
409,919	303	.26479	.17574	07519	47998	.11549	94953	5.13780	-4.10720	2602
400.279	100,000	.26729	.17761	07696	47959	67711.	05285	5.14530	-4.11459	35
400.640	199.679	.26323	.17809	57282	47698	.11729	05202	5.15460	-4.12219	4850
400.560	399.890	.29023	.17786	09470	-,47636	11949	- 15824	5 15910	00000	,,,,,,

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( 83 OCT 74 )

(RTU237)
SEPAR.
V RAM SAB
MET181-048/ET W
/VASEB (1A87) -01E
ĕ

1A87 TABULATED SOURCE DATA

	REFERENCE DATA	4										
. 2690.	z 2690,0000 Se.FT.	H det	1297,0000 IN. XI	IN. XT			¥	MACH =	4.520	PTOTL	**	69.499
LAEF = 1290.	3000 INCHES		0000	.9999 IN. YT			¥	н		BETA	"	15.803
	1290.3000 INCHES		450.0000 IN. ZT	IN. 2T			CA	CALPHA =	-4.900	CBETA	н	-4.199
SCALE = .	.0100						*	11	606			
	-	RUN NO. 7	709/ 0 RN	RN/L = 4.03								
<b>&gt;</b>	~	3	5	Ð	Շ	Š	ਵ	DLTALF	CLTBTA	T.	×	
190.370	771	.29653	.16877	19034	47623	78791.	05878	-4.80300	-4.02989	80	690	<b>9</b>
190.549	99.841	.25016	.17574	06334	46909	10837	05177	-4,84970	-4.11859	20	09412	2
100.789	199.77	.26793	.17775	97735	46519	.10985	05571	-4.86330	-4.10510	10	00073	2
192.220	499.159	.20372	.18/22	58742	47491	.11656	05910	-4.87599	-4.16880	C 6	.02519	<u>e</u>
1	-	ġ		FN/L = 4.03	į	ē	É	4 *		:	,	
	,	5	5	E .	5	2	1	י הריים היים היים			, ;	•
203.230	1.593	.26896	16997	07957	46116	10191	05337	-4.977D				2
201.000	98.357	.24665	.17501	06141	45883	.10323	05025	-4.79520	-4.17779		219	æ.
199.050	199.150	.25873	.17776	96963	45828	.19462	05346	-4.81969	-4.97299		45359	€.
196.679	400,990	.28521	.17959	- J.6829	47265	.11541	05930	-4.93319	-4.04270	52	00706	<b>y</b>
	•	RUN NO. 7	707/ O RN	RN/L = 4.03								
<b>&gt;</b> -	~	Š	٧	ð	Շ	Š	é	CLTALF	CL TB TA	₹	×	
490.630	.267	.25683	.17576	07042	47213	.11140	04767	-4.86430	-4.13159	-	93676	ş
399.000	99.376	.26919	17700	97182	47594	.11559	05149	-4.80540	-4.04790		19820	₽.
400.290	199.545	.25948	18771.	97583	47869	70611.	05296	-4.84929	-4,97989		2111-	1
100 200	100 720	24879	A1971	F19243	47949	200	05757	OCTOR A.	01400 1		2000	9

		HEP ERE	REME CATA	•				השקעת ביהור באות	٠ ٢		
SAC	H	SAEF = 2690.0000 S		XMR	10	1997.9000 Iv. xT	#\O#\	4.529	PTOTL	44	60,490
LAEF	#	= 1290.3000 I	INCHES	YEAR	**	YMER = . DOOD IN. YT	ALPHA =	10,000	BETA	**	15.800
BACT	н	z 1290.3000 I		ZMRF	**	450.0000 IN. 2T	CALPHA =	Ŭ06. <b>1</b> −	DBETA	**	-4.150
SCALE	**	.0100					" *	300,000			

(RTU238) ( 03 OCT 74 )

AEDC/VA528 (TAB7) -OIETIS1-ORB/ET W R/H SRB SEFAR.

		ACK NO.	7107 0 RN	N/L = 4.03						
>	~	ટ	5	ň	Շ	ž	ਰੁ	DLTALF	CLTBTA	×
190.049	414	.27427	.17429	06230	48322	.11147	05400	-4.84120	-4.12270	300.01000
96.923	101.419	.27580	117790	56029	48066	.11479	05539	-4.91499	-4.97385	299.97000
197.210	199.730	.27965	17900	56447	47772	.11844	95782	1. 45600	-4.99719	299.92000
100.367	399.940	.28122	.17666	58851	47597	57711.	95628	4.85580	-4.15959	299.83000

1 /

DATE 20 MAY 75				1487	IAST TABULATED SOURCE DATA	URCE DATA				PAGE 197
			AEDC/VAS2	8 (1487) -OIE	AEDCZVASZB (1A87) -OLETISI -ORBZET W RZH SRB SEPAR	K R/M SRB	SEPAR.		(RTU238)	( 03 OCT 74 )
	REFERENCE DATA	<						PARA	PARAMETRIC CATA	_
0631 :	3000 1NCHES 3000 INCHES	X X X X X X X X X X X X X X X X X X X	1097.0000 IN. .0000 IN. 450.0000 IN.	IN. XI IX. YI IN. ZZ			HACH ALPHA DALPHA X		4.520 PTOTL 10.000 BETA -4.900 DBETA 300.000	L = 60.409 1 = 15.800 A = -4.100
אנשרב .		RUN 10. 7	711/ 0 RM	RN/L = 4.03			•			
,	•	ð	3	N)	Շ	Š	ਵੱ	CLTALF	CL TBTA	×
201.090	762	.25155	17326	06681	47264	.11126	04834	-4.83800	-4.13270	300.06000
202.479	191.540	.26173	.1783	07183	47609	.11660	05378	-4.94639	1.16220	599, 57990 300, 05000
200.690	199.840 399.130	.28507	.17969	07941	47855	.11997	05667	4.82560	-3.99080	299.80000
	•	RUN NO. 7	712/ D RN/L	ע = 4.03						
>		Z	5	3	გ	Š	é	CLTALF	OLTBTA	×
399.190	035	.25994	.17643	-, 97254	48472	.12618	05339	4.84319	-4.11590	299.64000
399.910	99.409	92292	.17642	07425	48194	.12377	05202	-4.80300	-4.10510	299.82000
499.599	199.719	.27357	.17695	08237	47866	.12114	05383	-4.82890	4.15180	100 1100
400.380	399,770	.27484	. 17563	58415	47224	.11659	05555	-4.80163	EC (11) 1-	933019353
			AEDC/VASS	28 (1A87) -Oif	AEDC/VAS28 (1A87) -OLETISI-ORB/ET W R/M SRB SEFAR.	TERM SRB	SEAR.		(RTU239)	( BS OCT 74 )
	REFERENCE CATA	₹.						PARA	PARAMETRIC DATA	
	_	H PER P	1097.000 IN.	ïv. xī			Đ.	11	4.520 PTOTL	1 = 69.400
*	_		.NI COOC.	<u> </u>			ALPHA PA BHA		TOTAL OCIA	, II
BREF = 1290.	1290.3000 INCHES		430 CRRS IN.	<u>.</u>			)	1 11		
	•	PUR NO. 7	714/ D RH/L	1 = 4.02						
•	~	3	5	E,	ò	ક	ŧ	CLTALF	CL TB TA	×
\$00.570	-100.160	.27459	. 16689	06300	48549	.11219	04916	17014	-6.12395	02075
201.760	310	.24233	.17248	05767	47985	11155	04603	14461	-k 19945	.37866
197.960	694 · 161	64,192	76671.	7070 -	- 45772	10452	05334	16719	6.91739	41426
200.470	399.867	28685	.17853	69690	46924	.11341	92650	.12949	-8,19989	-,19925
	•	AUN NO. 7	713/ D RN/L	Λ = 4.03						
٠	~	3	5	SC.	გ	Z.	ĕ	<b>DLTALF</b>	CL TB TA	×
399.400	190.09	28092	16241.	97382	47421	.10960	04560	19901.	-8.02630	21925
400.280	939	.26363	.17529	57483	47689	.11310	04903	. 22300	-8.97680	96668
490.67H	₩.550	.26457	.17699	07572	47817	11621	05258	.17441	-8.12310	01592
401.919	196.950	24272	. 17767	69246	47656	60/11.	79260	14420	-8-131C1	5.013.5 5.08.5
399.06	399.873	29134	.17863	6	?	*0611.	Process.	7		,

ORIGINAL PAGE EL

(RTUE40) ( 03 OCT 74 )

# AEDC/VASEB (IAST) -OLETISI-CRO/ET W R/H SRB SEPAR.

	Ē	REPERENCE DATA	2							ĩ	PARAMETRIC DATA	DATA		
20 ALE :	2000.0000 30.FT. 1200.3000 INCHES 1200.3000 INCHES .0100	MAN THOMES THOMES THOMES		2 *	1097,0000 IN. XT. .0000 IN. YT 490.0000 IN. ZT	***			HACH ALPHA DALPHA X	* * * *	4.520 10.000 .200 500.000	PTOTL BETA DBETA		60.400 15.800 -8.100
			RUK ND. 715/ D	713/		RN/L = 4.03								
•	7	•	8		5	N C	Շ	ž	CBL	DLTALF			×	
£	POE. 140 -10	-100.330	.26541		.17123	97757	48534	.11664	04726	.16309			300,24000	8
Ξ		953	.26973		.17592	97143	48474	11905	05016	.18069	•		300,3705	8
2		3.864	.26741	_	.17619	97539	47736	.11651	95371	.15668	-		300.03000	<b>E</b>
2	•	199.730	.27837		17927	08308	47133	.11463	05696	.13710			300,04000	8
ž		399.550	.27697		.17793	-, 98421	47600	.11647	05457	.15183	-6.19779		300.11900	E
			SCN NO.	7 16/ 0		RNA = 4.03								
•	-		3		5	T.	Շ	ž	ě	<b>QLTALF</b>	DL TB TA	47.	×	
	470, 920 -11	-199.139	7,092		17683	97276	48855	.12877	05422	.16336	-6.12350		299.91000	8
Š		-1.191	26360	_	.17718	57517	49017	.12989	05374	.23446			299.95000	8
5		99.633	26664		.17695	97712	48614	.12630	95221	.17119	-8.12150		300,03900	8
Ç	8	200,190	27895		17727	08627	48243	.12362	05457	.14097	-8.15950		399,91000	8
\$		600.930	.27987		.17599	08075	47228	.11675	05410	.05962	-8.12859		299.92000	8
					AEDC/VA52	8 (IA87) -01E	AEDC/VAS28(IA87)-OIETISI-ORB/ET W RM SRB SEFAR.	E RA SRB	SEAR.		(RTU241)		( 03 OCT 74	1 74 )
	101	NEFERENCE DATA	TA.							₹.	PARMETRIC DATA	CATA		
-	2690.0000 24.FT.		Š	5	1997, 0000 TN.	ř.			¥O¥	**	4.520	PTOTL	**	60.400
5	1290.3000 NCHES	NCHES	YEAR		TY .NI 0000.	N. 44			ALPHA	**	10,000	BETA	11	15.600
- Deg	1290,3000 INCHES	1 TACHES	Ě		450,0000 TN.	ř. 21			OALFHA X		5.200 300.000	CBETA	"	-8.190

6.75250 300.24000 -6.04300 299.72000 -8.11290 300.09000 -8.11160 299.84000 -8.06350 300.11300

5.20970 5.13340 5.15980 5.18640 5.20e10

CBL -.04391 -.05267 -.05718 -.05718

.11887 .11778 .11313 .11399

..49068 -.48375 -.47394 -.46952

CLM -.06780 -.07539 -.07351 -.06638

.17133 .17676 .17884 .17984

CN .25329 .26711 .26598 .20348

> 1.411 99.586 199.370 397.990

> 1\*\*.350 250.619 1\*\*.380

2 -100.550 - 411

201.019

RUN NO. 7187 () RN/L = 4.02

(RTUZ41) ( 03 OCT 74 )

j

Capable Capabl

### 60.400 15.800 -6.100 (RTU242) ( 03 OCT 74 300.21000 300.12000 299,90000 390.21970 399,14999 PTOTL BETA CBETA PARAMETRIC DATA 6.1814 -6.15390 -6.13990 -6.11939 -6.11639 4.520 19.000 5.200 300.000 5.13250 5.13250 5.18620 5.19650 5.18660 5.15010 MACH = GBL -.05466 -.05369 -.05208 -.05548 AECC/VAS28 (IA87) -OIETISI -JRB/ET W R/M SRB SEFAR. AEDC/VAS28 (IA87) -OIETISI-ORB/ET W R/M SRB SEPAR. .13219 .13179 .12703 .12438 -.49325 -.46786 -.46341 -.47150 C4 -.49341 RAVL = 4.01 CLN -.97385 -.07767 -.08977 1097,0000 IN. XT TY Y TY 450,0000 IN. ZT 17717. CA .17733 7117 0 и и и 26216 .26696 .27902 .28351 EN EO REFERENCE CATA SAEF = 2680.0000 54.FT. LREF = 1250.3000 INCHES BAEF = 1290.3000 INCHES SCALE = .0100 -.411 99.215 199.470 399.850 2 -99.635 491.050 491.050 490.910 499.910

PARANETRIC CATA	MACH = 4.529 FTOTL = 69.490 ALPHA = 19.6741 BETA = 15.679 CALPHA = 5.2°° DBETA = -8.190 X = .995
	P = 1097,0005 IN, XT F = .0000 IN, YT F = 450,0000 IN, ZT
REFERENCE CATA	LREF = 1290,0001 39,FT, XNEP LREF = 1290,3700 INCHES YHRF BAREF = 1290,3700 INCHES ZHEF SCALE = .0100

RN/L = 4.02

RUN NO. 719/ 0

	•	3		3	2	ξ	ē	44.5	<b>▼</b>	>
	•	5	5	E.	5	2	ğ	3	2	•
_	-100.300	.25465	. 16853	06617	48877	.11116	94419	5.19610	-0.14419	.56690
5	445	76472.	.17511	05709	46949	10401	04657	5.16850	-8.12695	37603
ę	190.379	.25516	. 17672	56309	44931	62960	05152	5.19419	-8.08049	.58519
ē.	200.430	.25355	.17738	06557	45426	.10250	05231	5.99580	-8.15850	.48945
20.cs	399.630	.26593	.17775	946	46756	.11259	05884	5.13380	-6.15419	.41997
			20/ D RN	RN/L = 4.02						
	~	3	3	<b>1</b>	Շ	ž	ಕ	SLTALF	CL TB TA	×
£	-99.501	26192	.17375	97496	48135	.11321	74556	5.20740	-8.93549	32822
Ω	600.	.26648	.17591	97605	4.89.45	.11448	04904	5.15599	-6.11519	.41452
399.000	100.020	.26962	.17796	65440	47948	.11634	05281	5.14119	-6.19919	.37513
5	199.500	.26385	.17633	07252	47712	.11662	05202	5.15749	-0.09210	.46289
c	490.979	75262.	.17633	79568	47716	.11936	15862	5.14619	-0.09560	.45349

11 マースティス 食業産業

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69.499 15.690 -6.199 (RTU243) ( 1/3 OCT 74 ) PTOTL = BETA = CBETA = PARAMETRIC DATA 4.529 10.000 -4.910 MACH : ALPHA : CALPHA : X AEDC/VFSEB (TAB7) -OIET1S1-ORB/ET W R/M SRB SEPAR. YMAR = 1097,0900 IN. XT YMAR = .9900 IN. YT ZMAR X 459,0997 IN. ZT BACT = 2690.0000 50.FT. LAC = 1290.3000 INCHES 7 BACT = 1290.3000 INCHES 2 SCALE = .0100 NETERENCE DATA

,	•	ā	3	<b>T</b>	5	ž	ಕ	OL TALF	CLT8TA	×
		2000	1	1000	- 48794	08811	98650	-4.86160	-8.10869	- 065
	265.			,				•		
510,003	27.144	.26233	06771.	07182	47986	.11592	05216	-4.84123	-4.111.%	166
	5	9400	17724	0773	47495	11494	05412	-4.87969	-8.07890	232
22.61		41603.			,			0.100	0.000	700
200 · 103	399.879	.28444	.17969	08726	47224	.11496	05859	6L/8	-8.11930	
		RUN NO. 1	721/ D RM	BVL = 4.01						
•	•	3	5	Y)	S	£	ਵੱ	CLTALF	CL TB TA	×
		-	17122	91170	47720	19901	04714	-4.63160	-8.13340	.14
							90000	112470 7	01311	180
100.50	030.001	.26459	17678	07473	476/12	.11450	87.5C::-		-6.11313	
200	156.459	.26286	28771.	97296	47789	.11798	05350	-4.78789	-6.04420	187
25.00	399.785	2896	17939	09271	479TZ	.12045	-,05762	-4.86579	-8.09010	<b>E</b>

(RTU244) ( 03 OCT 74 )	FARANETRIC CATA	4.520 FTOTL = 60.400 10.000 BETA = 15.800 -4.900 DBETA = -6.100 300.000
AEDC/VAS28 (IAR7) -O1ET1S1-CRB/ET W R/M SRB S5PAR.		MACH = MEPHA = DALFHA = X X =
AEDC / VAS28 (1AR)	4	X 1097,0000 IN. XT YMEP = .0000 IN. YT ZMEP = 450,0000 IN. ZT
	NETENENCE DATA	SMET = 2690,0000 30.FT. LMET = 1290,3000 INCHES BMET = 1290,3000 INCHES SCALE = .0100

		2	7237 O RH	ENVL = 1.02						
610.109 692.209 692.909 69.009	7 141 190.249 199.980	CM .27332 .27549 .27836	. 17337 . 17762 . 17917	CLM -,08332 -,07640 -,08316 -,08972	CY 4844? 48265 47739	.11913 .12051 .11760	05335 05506 05641 05602	CLTALF -4.86530 -4.89540 -4.86510 -4.86680	DLTBTA -8.15319 -8.13369 -8.19519 -8.13339	X 300.39000 300.39000 300.09000 300.09000
		10 m	724/ 9 EN	RN/L = 4.02						
•	~	3		E.	ځ	Š	ಕ	OLTALF.	CL TBTA	
25.45	•111•	.2652		07256	48836	20621.	-,05396	-4.83915	-8.12150	•••
	706	.26452		07567	48629	12669	05280	69452.7-	-8.26785	•
699.393	196.667	.27514		14326	48134	12298	05373	-4, 75347	-8.12749	249.4943
479.217	399.649	.27414	.17962	08348	47378	.11775	05493	-4.85874	-6.15500	249.9100

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# TABLE ATED SOURCE DATA

	SEFERENCE DATA	DATA						PAR	PARAMETRIC DATA	
300 : 3000 1000 : 1200 1000 : 5000	2660.0000 50.F7. 1290.3000 INCHES 1290.3000 INCHES	S S S S S S S S S S S S S S S S S S S	1097,0000 1N. .0000 1N. 450,0000 1N.	IN. XT IN. XT IN. ZT			MACH ALPHA CALPHA X		4.520 PTOTL 10.000 BETA 5.200 CBETA .000	71, = 69.499 A = 15.899 TA = 3.900
		RUN NO. 728/ 0	28/ 0 RML	ת: <b>4</b> .01						
1	•	8	3	3	5	Š	ŧ	CLTALF	CLTBTA	×
- :		3	2	24256	45216	96610	93971	5.16100	3.85949	
11.666	DB 7 CALL	3.55	4664	2070	- 437R2	78387	-,04799	5.14750	3.69179	.619.87
10.47	100.	96622	3941	05675	43608	.99252	05197	5.14730	3.90020	.36250
2.01	•	10136	135.07	106050	86677	10365	05528	5.13490	3.90100	. 54589
10.641	- 5 - 5	26695	17879	09152	47436	.11591	-,06763	5.13779	3.89330	90605*
		RUN NO.	727/ 0 RN/L	Λ = 4.02						
,	•	3	3	3	č	, C	ð	CL TALF	Ct. TB TA	×
- 10	Ĩ	2111	LEGAG	- 75364	44427	96790	04059	5.22290	3.86940	. 86393
		21408	1771	03785	43566	.78626	F4376	5.14650	3.81579	.76994
C.C. 20.1			17692	175474	43884	8036G.	05096	5.07669	3.85120	32047
			2777	16597	44848	115200	65391	5.10883	3.87739	.04336
170.370	399.360		12671.	59:86	47199	.11542	-,96964	5.14890	.9167	.594%
		FUN NO.	726/ S EN	RNAL = 4.02						
•		3	3	*	ځ	3	é	CLTALF	CL TB TA	
- C. A.	-99.807		.:6482	15453	45896	99598	04029	5.17163	3.84360	.43787
			.17135	05519	44996	156351	04487	5.15690	3.897.89	.21431
27.17.	•		.17462	03687	44897	27960	14916	5.16475	3.86950	.36845
100 57	_		.17716	76305	45669	19497	:5203	5.15850	3,93249	.43214
2011.339			.17943	59394	47156	0.1370	06059	5,13495	3,67259	. \$40.91

.71264 .65558 .50175 .54464

5.86267 5.86287 5.86287 5.87787

5.20660 5.17680 5.16060 5.15060 5.13620 5.12970

CBL -,04362 -,04611 -,04999 -,05256 -,05896

.19414 .19319 .19728 .11235

47764 47764 ,46547 -,46569 -,47573

-. 17163 -. 16658 -. 16644 -. 16644 -. 19441

.17163 .17367 .17887 .17838

CN .26/34 .255/36 .255/35 .25445

2 -101.820 -466 -111.821 -111.

V 300.710 301.080 301.080 201.360

FAGE 202

AEDC/VAS28 (IABT) - DIETISI - ORB/ET IN R/M SRB SEPAR.

(RTURAS) ( 53 OCT 74 ) 15.800 60.69 3/21,289/20 3/20,445/90 377.65927 395.84957 299,60000 3.91689 300.47970 SYO, DESKYO 3.86160 300.23000 390.28997 300.46500 3/16, 17/200 3.81590 399.39000 n n PTOTL 3ETA PARAMETRIC DATA 3.84340 3.84340 3.84390 3.89170 3.86959 3.89875 3.89810 CL TBYA CLICIA CL TBTA 4.520 16.000 5.200 300.000 0LTALF 5.26347 5.13650 5.13380 5.14735 5.18020 5.98240 5.15170 5.17990 5.18980 5.27655 5.15650 5.15959 CLIALF 5.1%675 OL TALS MACH = ALFHA = CALFHA = X -.95282 -.55859 C9L -.04314 -.54925 5:675 -.54253 -.04741 -.55543 -.5378 -,65.59 -.75569 -.04254 ಕ CYN 09826 .09304 1912 CNN .112294 .115142 .115749 .11593 .11514 .11167 .11851 ξ -.45143 -.47363 -.47142 -.46369 -.45365 -.47719 -.46214 -.45642 -.46296 -.47642 RUN NO. 729/ 0 RN/L = 4 02 RUN NO. 7397 9 RN/L = 4.02 AN/L = 4.92 CLM -.05213 CLM -.06/12 -.95379 ......... -.(6459 -.57984 -. 58414 -.06129 -.06283 -.06938 -. 58032 -.04689 = 1097.0000 IN. XT = .0000 IN. YT = 459.0000 IN. ZT .17549 18004 .17673 CA .16942 .17342 137751 .18778 .17654 .17828 .17791 .17532 RUN NO. 7317 S .27887 .23966 51875. 2132 .24895 .27459 .27695 .24612 . 25992 .25794 Y ANY PARTY REFERENCE CATA LREF = 1290,3000 INCHES 64EF = 1290,3000 INCHES SCALE = .0100 z 2690.0000 80.FT. . -192.439 2 -1'71.267 196.950 396.110 -100.189 .133 5.626 89.68 99.554 199.745 399.643 1.913 35.58 11.13 96.839 19.657 9.572 1771.895 19.591 19.665 500 170.470 201 . Em. 273, 86A

.

3-7-549/10

390.57730 375.51970

3.95739

5.16493

.11639

.11876

-. 475R9

-, 1202:36

17936

.27653

199.765

2m. 39n 200.66G

279.730

399.780

.25741

.27751

-.05157 -.55545 -. 55532

.11563

-.47415 -.473/14

-.''6646 -. "A513

117537 17614

5.13450

3.86490

3,0.975 390,33907

5.1:361

æ∟ -.75475

CYN .11678

-,47259

Ç

CL TALF

Ω 18 TA

RAYL : 4.72 - 14275 ž .17611 732/ 0 .27318

399.887

299.549

1-

				1A87 T	1487 TABULATED SOURCE DATA	JRCE DATA					PAGE 203
CAIL ES MAY 12			AE :/VA52	8 (1A87) -01E	AE :/WAS28(IABT)-O1ET1S:-ORB/ET W L/H SRB SEPAR.	K L/H SRB	SEPAR.		(RTUE47)		( 03 0CT 74 )
•		;						PAR	PARAMETRIC	DATA	
-	MEFERENCE DATA	<b>4</b>								14070	80.400
0000.0000 a 10000	0000 58.FT.	T T T	1007,0000 IN.				ALPHA		10.000	BETA	
		e e	490.0000 1	IN. 21			X AFT		000		
		RUN NO. 1	734/ G RN/	RN/L = 4.01							
		,	;	2	5	3	CBL	3LTALF	OLTBTA	T.	×
<b>&gt;</b>	2	<u>د</u> کر	17896	18451	46373	.11091	05190	.15610	:1608	80.	.17675
-397.870	-100.360	27612	17967	08505	-,46381	.11098	05164	.15604	13699	60.0	00800
DE0.166-	20.183	.27587	.17555	-,08490	46548	.11207	-,05186	16000	12/60	2 2	18716
25.000 25.000 25.000	199.770	.26909	.17607	06232	46846	.11373	05504	.14931	-,10988	. 80	06608.
		NO.	735/ 0 RN/L	راء 4.00							
				;	į	Š	ē	DI TALF	OL TB TA	31A	×
-	~	Z	5	S.	5	ייי	2406	18773	10291		14242
-999.35g	-103.520	.28150	17706	08886	44929	19190	0400	F 1 1 1	06085		.14395
- ADD. APP	132	.28156	.17639	06907	44919	21261.	1,04041	10101	-11802	200	,23096
-200.440	100.200	.28087	.17562	08966	45372	.10496	1969	12251	10229	, 0	.11115
C55.663-	200.370	.27758	.17533	9626	45991	.10473	USI 13	10221.	10083	180	.18268
-299.00G	399,720	.26993	.17634	-,00032	46862	.11422	(Dose)	1011	•	•	
		RUN NO.	736/ 0 RN/L	A = 4.61							
			i	;	3	2	é	DLTALF	0.T	OL TB TA	×
<b>&gt;</b>	2	ž	<b>5</b>	F. 10000	13187	00700	04806	13403	16821	821	.15566
-197.500	-99.635	.27645	.17573	138811	00004.1	Decen	04736	14907	11253	253	.34910
-196.450	254	.27994	17621	91913	7454	10003	-,04683	.14575	19574	574	.14964
-199.010	99.853	.28518	18671.	09440	44345	10115	94777	.15055	-,11828	828	.16050
-190.720	199.750	.28874	16471.	00463.	9676	40000	D6120	14794	-,11024	024	.44014
-196.620	399.150	.27205	.17529	08182	40468	11160		•			
		RUN NO.	737/ D RN	RN/L = 4.01							
		,	į	ā ē	ځ	8	GBL	CLTALF		OLTB TA	×
•	2	3	5	F 100	47001	10248	04966	.13315		10739	.25435
-90.623	-100.300	26624	17541	19090	44484	10522	05956	.11499	•	15090	.22482
-07.405	653	.27043	17529	01/B/1-	19404.	A1001	74937	.20160		.01186	11622.
-193.940	98.022	.20012	.17583	70060	42642	79976	74861	13097	•	12971	.27267
-97.778	199.680	.29335		21660	42042	Shen:	19550	13759		15982	.25724
-98.834	399.700	.27364	.17542	18316		ALCON T					

ORIGINAL PAGE THE

		•	AEDC/VAS	AEDC/VA528(1A87)-OIET1S1-ORB/ET W L/H SRB SEPAR	ET181-068/E	TWL/HSR	3 SEPAR.		(RTU24A)	1 93 901 74	~
	REFERENCE DATA	<b>4</b>						P.A.Q.	PARAMETRIC DATA	Z	
<b>H</b> H	U) -		.N1 0000.1001.				MACH AL PHA			ı, ı,	60.400 15.800
BREF = 1294 SCALE =	1299,3006 INCHES .0100	ZMRP	450.0000 IN.	IN. 27			٠ * م	OALPHA = X = 30⊆	.200 080 300.000	CBETA = -	199
		RUN NO. 7	741/ D RN	RN/L = 4.91							
>	2	3	ర	<b>X</b>	ઠ	Š	ව්	CLTALF	DL 18 TA	×	
-397.850	-100.260	.27442	.17625	58361	46594	.11162	05226	.15184	14036	309.21999	
-399.910	349	.27599	17603	13472	46530	.11166	05199	.14527	11235	350.12509	
-400.660	100.250	.27550	.17558	08455	46552	.11229	05197	.12733	97588	300,09000	
-455.385	200,220	.27157	.17697	08164	46898	.11383	05323	.12387	064 06	309.12990	
-399.980	399.610	.26924	.17675	07956	-,46872	.11436	05417	.14349	15912	300,16000	
		RUM NO. 7.	749/ 0 RN	RNZL = 4.C.							
>	2	ક	5	Ð	Շ	Š	වි	CLTALF	CLTBTA	×	
-297,799	-99.571	.27945	.17634	08737	45:74	.15687	05015	.14:45	-, 122 94	300.42555	
-295.960	.536	26875.	.17595	58716	45789	.19731	05959	.11769	18585	300,12000	
-298.900	99.723	.27818	.17579	08657	45915	.15814	05693	.15322	10517	300,31959	
-299.470	197.620	.27548	.17535	-,08539	46139	.15962	05155	.22891	55222	300.20070	
-298.910	399.670	.26898	.17662	57951	46848	.11426	95414	.13997	11169	300,26000	
	_	RUN NO. 73	739/ G RN/L	Λ = 4.99							
>	2	3	5	£,	Ç	Š	é	CLTALF	CLTBTA	×	
-200.180	-102.979	.28038	.17576	08789	44982	.15390	-,04999	.20971	. 16469	300,35000	
-197.625	-1.276	.27730	.17539	08598	45103	.10405	05054	.14537	16451	300.30000	
-201.840	98.520	.27914	.17529	-,58759	45336	.19539	05057	.18679	54975	300.25000	
-198.000	199.759	.27713	.17546	58569	45481	.15625	95146	.14317	- 3154	399.31990	
-198.820	399.570	.27967	.17523	- , 58595	46574	.11277	05345	.14306	11487	306.12000	
	•	RUN NO. 73	738/ 0 RN/L	/L ≈ 4.90							
•	2	3	5	Y.	Շ	Ç	ම්	CLTALF	St. 78 TA	×	
-98.594	-98.014	.26971	.17374	08264	44242	.15515	05246	.08158	11/54	305.18090	
-97.148	<b>894</b>	.26796	.17346	08161	44661	12721.	05348	.09611	12473	299.97950	
-98.70	99.697	.27659	.17392	08694	44880	.15657	05236	.13769	15797	306.31926	
964.89-	199,760	.27735	.17442	58585	45113	.19641	05222	37951.	15292	305,37999	
-98.559	399.789	.27243	.17522	08246	45952	.15898	05292	11:162	11957	350.12550	

IAST TABULATED SOURCE DATA

PARAMETRIC DATA	4.529 PTOTL = 60.499 10.999 BETA = 15.899 1.590 DRETA = -199						15469 309.23899	12885 300.43000				11125 300.34000			. 19943 300,34500		CLTBIA X	11556 300.06000		19763 399.22900		-,51397 355,54500		OLTBIA X		11398 370.41696		המשוא מחד דונים
PARA	H H I	₹) 1		OL TALF	5.14949	5.15990	5.25780	5.14890		CLTALF	5.15519	5.18880	5.15170	5.14987	5.15505		OL TALF	5.58640	5.15190	5.14890	5.15225	5,19329		DLTALF	5.05860	5.14515	5.18819	01000
	MACH ALPHA	į́×		ij	05192	05178	05199	05422		ව්	05032	05879	05103	55189	05424		룡	05039	05046	-,05094	05175	05397		é	55418	05320	05246	ARCAG
				CYN	.11092	.11124	.11217	.11445		ک	19597	50701.	.15798	.11997	.11459		Š	.10089	.15432	.19556	.19651	.11379		Š	.10585	.10665	.19676	00000
				Շ	46387	46437	46548	46874		Շ	45588	45755	45888	46177	46921		Շ	44574	45111	-,45342	45527	46787		Շ	44040	44376	44933	4000
			RNZL = 4.0!	N)	08423	08500	98454	-,58089	RN/L = 4.91	S.L.	58679	08668	08645	08483	57958	RNZL = 4.51	T.	98571	08716	98622	58517	08027	RN/L = 4.90	CLM	07895	08286	58565	0
	1097.0000 IN.	450.0000 IN.	742/ D RN	<b>ರ</b>	.17593	.17569	.17554	.17632	743/ D RN	3	.17585	.17693	.17576	.17529	17696	744/ 0 RN	3	.17556	.17498	.17562	.17549	.17582	7457 0 RN	3	.17356	.17344	17:27	
ATA		ZMRP	RUN NO. 7	ž	.27507	.27613	.27540	.27 <u>0</u> 7 <u>0</u> .	RUN NO. 7	3	.27849	.27833	60875.	.27567	.26925	RUN NO. 7	ž	.27716	.27869	.27793	.27633	.27554	RUN NO. 7	3	.26446	.26977	.27596	
REFERENCE DA	2690,0000 Se.FT. 1290,3000 INCHES	1290.3500 INCHES .0100		2	-99.881	-,256	98.457	199.660 399.650		2	-100.540	-1.351	99.795	199.750	399.475		^	-98.848	376	99.541	199.690	400.850		2	-98.223	274	98.447	
	11 11	BRE" = 1295.3 SCALE = .0		۰	-396.640	-398.789	-397.419	-398,759 -398,000		>	-298.989	-299.599	-298.799	-298.450	-298.930		>	-197.167	-198.665	-198.930	-198.559	-200.950		<b>&gt;</b>	-96.497	-98.156	-101.920	

(RTU259) ( 93 OCT 74 ) AEDC/VAS28 (TAB7) -OIETIS1-ORB/ET W L/H SIB SEPAR.

XMRP YMRP ZMRP	= 1097.0000 IN. = .0000 IN.	1 × × 1						
	= 450.0000 IN.				ALPY SALPY		4.520 FTOTL 10.000 BET4 5.200 DBETA .000	TL = 60.400 A = 15.800 TA =100
<u>.</u>	RUN NO. 749/ G RN	RN/L = 4.91						
	₹	CLM	Շ	Š	CB <sub>L</sub>	DLTALF	DL TB TA	×
.27625	.17535	08518	46234	.10990	05143	5.14840	14148	.25839
.27671	.17524	08557	46328	.11972	05144	5.15880	05575	.18219
.27548	.17526	98457	46551	.11219	05197	5.12300	11226	.21726
.27084	.17619	08102	45796	.11388	05345	5.15420	115145	.20367
96892	.17677	07947	46902	.11448	05422	5.15195	11265	.27347
RUN NO. 748	7487 G RN	RN/L = 4.01						
	3	<b>X</b>	Շ	C	æ	CLTALF	CLTBTA	×
.28089	17649	08867	44626	.10036	:14856	5.14559	15663	.05359
.28251	.17626	-, 18982	44687	190011	54836	5.17750	18360	.21356
.28099	.17526	08886	45419	.19514	-,54991	5.25849	58842	.25912
. 27602	.17599	58522	46127	:10965	35165	5.15580	12375	.16479
.26983	.17638	58514	46847	.11415	06650	5.17349	17129	.27727
RUN NO. 747/ 9		RN7L = 4.00						
ŭ	5	Š	Շ	Š	ម	CLTALF	CL TB TA	×
.27742	116911	58897	42840	.03612	04817	5.14959	13262	.35944
.28148 .	.17605	09256	43199	76960.	94718	7.18169	08558	01755.
.28425	.17600	59360	43558	58660.	54741	5.15160	12343	.22840
.28664	.17484	09284	44624	55501.	04858	5.07619	-,54126	.34136
.27159	.17585	58154	46555	.11248	05333	5.:14860	15955	.34593
RUN NO. 7467 S	D RN/L	n = 4.01						
_	5	3	Շ	Š	ਵੱ	CLTALF	E_181A	×
.26112	.17489	08327	42400	.10258	05180	5.07659	3244	-, 52429
.27142	.17547	08690	43992	.19413	-,95979	5.14589	10191	.38928
.28193	.17618	58932	42935	.19292	54986	5.14179	07569	.26261
.29405	.17720	09538	42874	.10633	54910	5.13600	11333	-,54052
27258	17501	C 60317	.0000	1000	0.67.0		* * * * * *	000011

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041E 29 MAY 75				1 187 1	1AB7 TABULATED SOURCE DATA	URCE DATA				PAGE 207
			AEDC/VA52	AEDC/VAS28 (IA87) -OIETISI-(RB/ET W L/H SRB SEPAR.	.T1S1-CRB/ET	W L/H SRB	SEPAR.		(RTU251)	( 03 OCT 74 )
	REFERENCE DATA	2						PARA	PARAMETRIC DATA	
BREF = 2000,0000 LREF = 1290,3000 BREF = 1290,3000 3CALE = .0100	.0000 90.FT. .3000 INCHES .3009 INCHES	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1067.0000 IN. 0000 IN. 450.0000 IN.	X X X			MACH ALPHA DALPHA X	# H H H	4.520 PTOTL 10.000 BETA -4.900 CBETA .000	60.400 15.800 A =100
	-	RUN NO. 7	7507 9 RN/L	L = 4.91						
Y -96.476 -98.676	2 199.720 399.740	CN .28686 .27838	CA .17633 .17479	CLM 09184 08631	CY 42454 45176	CYN .09943 .10489	CBL 04846 05219	DLTALF -4.86440 -4.86400	6LTBTA 10375 11009	x .42598 .36008
			AEDC/V452	AEDC/VA\$28 (1A87) -O1ET1S1-ORB/ET W L.ºH SRB SEPAF.	:T1S1-068/ET	WLA SRB	SEPAF.		(RTU252)	( 55 OCT 74 )
	REFERENCE DATA	2						PARA	PARAMETRIC DATA	
SAEF = 2690,0008   LMEF = 1290,3000   BAEF = 1290,3000	.0000 59.FT. .3000 INCHES .3000 INCHES	XXARP H YARP H	1097,0000 IN. ,0000 IN. 450,0000 IN.	IN. Y TY T			MACH ALPHA CALPH		4.520 PTOTU 10.000 BETA -4.900 DBETA 300.000	L = 60.400 = 15.800 A =100
		RUN NO. 7	7547 9 RN/L	ル= 4.01						
>	~	ž	5	SC.	Շ	ž	ළ්	DLTALF	CL TB TA	×
-398.590	29.751	.27553	0.17571.	08466	46598	.11225 82811.	05238	-4.88280	- 12159	300,35000
-394.920	399.779	.26887	.17662	07943	46849	.11432	05415	-4.85410	11943	300.2000
		RUN NO. 7	7537 S RN/L	Λ = 4.90						
٠	2	3	5	¥15	Շ	<u>د</u> ع	ಕ	CLTALF	CL TB TA	×
-298.52	299.66	.27851	17591	0.08690	45891	10799	65069	-4 85080	15821	300,17000
-297.280	199.961	.26929	.17656	07959	46920	.11443	-,95426	-4.81980	17972	300,14000
		RUN NO. 7	752/ O RM	RH/L = 4.91						
•	2	3	3	CLN	<b>Շ</b>	ž	ಕ	CLTALF	CLTB TA	×
-200.450	99.921	91612.	20571.	08762	45254	.19488	05028	-4,86579	55898	355.47500 300.56550
-198.340	199.670 399.830	.27291	.17487	08215	46386	.11159	05306	-4.85560	11837	300.12900
		RUN NO. 7	751/ G RN	RN/L = 4.01						
٠	~	ટ	5	¥1)	Շ	Š	ਝ	CLTALF	Ct. 18 TA	×
-98.871	99.748	.27472	.17399	08455	45917	05201	05272	-4.86999	19651	350.17000 350.22000
-99.517	199.850	.275/5	.17429	06707	45548	.19698	05253	-4.91270	9690'-	370.48000
1 de 1 de 1 de 1 de 1 de 1 de 1 de 1 de		•	•							

# AEDC/VASSE([AB7]-OLETIS1-ORB/ET W.L/H SRB SEPAR.

(RTU255) ( 03 OCT 7: )

			2000 2000	TN, XT					4.520 P		
BREF = 269( LREF = 1294 BREF = 1294	2690.0000 59.FT. 1290.3000 INCHES 1290.3000 INCHES		.0000 1N. .0000 1N. 450.0000 1N.	żż			HAOM ALPHA CALPH X			BETA = CBETA =	5.800 5.800
		RUN NO. 7	7557 G RA	RN/L = 4.90							
٠	~	3	5	ð	Շ	Š	නි	DLTALF	CLTBTA	~ ~	
-397.520	-105.680	.27896	.17418	08763	45437	.10476	04941	.19114	3.84570		.17254
-398.020	483	.27920	.17389	08787	45585	.19692	05002	.16412	3.90030		3660£.
-397.940	722.86	.27825	.17354	08745	45894	.10802	95940	.17158	3.87340		.21472
-398.479	199,730	.27643	.17662	08557	46335	.11998	05148	.14887	3.85920		.56391
		PCN NO. 7	756/ () AN	RN/L = 4.01							
٠	~	3	3	ž	Շ	ž	ಕ	OL TALF	OLTBTA	×	
-296.680	-100.029	.28973	.17541	98864	43769	.09601	04796	.14956	3,90320		.16662
-300.360	380	.26593	.17535	59267	43669	.09521	04656	.13833	3,96275		.42092
-300.050	195,480	.28871	.17377	09469	44262	.09853	04703	.10636	3.86795		25338
-299.110	200,370	.28451	.17318	19171	45173	10418	94948	.11724	3.84719		.33816
066.862-	399.640	.27135	.17494	58150	46664	.11312	-,05325	.14954	3.88930		.23931
		RUN NO. 757/ 0		RN/L = 4.01							
<b>&gt;</b>	2	ટ	3	¥.	Ն	ક	<b>B</b>	SLTALF	2,181A	×	
-195.020	-100.190	.28418	.17505	09510	42022	90860.	04596	.14937	3,89390		.24734
-199.039	193	.27935	.17573	09168	42077	.09458	94744	.14955	3,97570		.37652
-198.370	99.692	.28621	.17455	09610	42196	96\$66.	04656	.13722	3-8930	·	.41562
-198.320	199.640	.29485	.17436	5.09945	42779	71760	54646	.14321	3,87670	•	09300
-205.119	490.469	.27234	.17388	78263	-,46063	1987	- 05281	.12458	3.01360	-	25583
		RUN NO. 7	7587 D RN	RNZL = 4.01							
-	~	ટ	5	<b>1</b>	Շ	8	æ	CLTALF	£18.3	×	
-99.308	-100,480	.27381	.17723	(9219	40169	.09038	04867	.12463	3.91480		C1761.
-97.154	-1.978	.26234	.17559	76670	41616	17660.	55349	.13662	3.47960		03536
-94.892	100,015	.27862	.17578	08454	41509	36960.	05413	117375	3.97010		026201
-98.873	199.93	.29769	.17752	08882	40968	.09469	-,05162	.17686	3.83270		04592
-99.937	399.77	.27905	.17485	98654	45090	.10432	-,05248	.13531	3.9577		739RR

# (RTUPS4) ( 03 OCT 74 ) AEDC/VAS28 (TAB7) -OIETISI-ORB/ET W L/H SRB SEPAR.

TARY TABULATED BOUNCE DATA

Name		REFERENCE DATA	<b>4</b>						PAA	PARANETRIC DATA	ź		
The color of the		.0000 99.FT3000 INCHES .3000 INCHES		1097,1099 ,0990 450,0990				A PA				• -	69.499 15.800 3.900
100.030								;	;	i			
100.039   17774   17784   -10607   -10607   -105080   -105080   -10507	>	2	3	5	Ę	Շ	ž	ಕ	0.14 1	DL 78			
- 427	-397.780	-100.210	.27671	17508	06571	46021	.10650	03090	.15461	3.8531		35000	
100.030	-300.000	427	.27714	.17496	09602	46064	10903	-,05090	.13501	3.8933		0000	
799.630	-400.580	100.030	.27739	17476	00617	46275	11045	05123	.14322	3.9049		31000	
C	-400.940 -398.860	539,640	.26910	.17672	57952	46903	.11448	05424	.14670	3.6693		26000	
2 CN CA CLM CY CYN CBL DLTALF DLTBTA -99.279 .27897 .174440872945031 .1028404994 .13924 .13924 3.84780 -655 .28696 .173860897445232 .1040904971 .12560 3.83570 199.940 .27892 .17405088274544 .1054505472 .15314 3.94780 199.940 .27872 .17405088274544 .1054505472 .15314 3.99770 -2.507 .26938 .174070873546895 .1143305426 .1946591540 -2.507 .28937 .175610795546895 .1143305426 .1946591540 -2.507 .28937 .17360976643810 .0967704837 .21697 3.99790 -2.507 .28937 .17360699244267 .0999805799 .18791 3.87740 99.099 .28391 .173260976643810 .0967704837 .21697 3.99790 -2.507 .28937 .17360699244267 .0999805799 .18791 3.87740 99.099 .289391 .173260699244267 .0999805799 .18791 3.87740 199.857 .28137 .173860699244267 .0999805739 .18791 3.87740 199.857 .28137 .173860699244267 .0999805739 .18791 3.87740 199.857 .28137 .173860699244267 .0999805739 .18791 3.87740 199.857 .28137 .17386069924452 .10779053326 .13264 3.89680 1166 .28607 .174190696344351 .1031105336 .07579 3.88760 199.756 .28138 .173880697944096 .1000405336 .07720 3.88760 199.765 .28138 .173880697944096 .1000405336 .07279 3.997370 199.765 .28138 .173880697944096 .1000405336 .07270 3.88760 199.767 .28138173880697944096 .1000405336 .07270 3.997370 199.767 .28138 .173480697944096 .1000405336 .07270 3.997370 199.767 .28138173480647944003 .1000405336 .07270 3.997370 199.767 .28138173480647544003 .1000405336 .10009 3.997370 199.767 .28138173480647506979 .1000405939 .07270 3.997370 199.767 .28138173480647506979 .1000405939 .07270 3.997370 199.787 .28138173480647506979 .1000405939 .07270 3.997370					n					,			
-99.279 .27697 .174440872945031 .11028404994 .13924 3.84780 .655 .28096 .173860897445232 .1040904971 .12560 3.84780 199.634 .27993 .1740508974 .1054505081 .12560 3.84780 199.634 .27993 .17405087350873505081 .14494 3.84790 .199.940 .26936 .176710795546895 .1143305487 .17436 .07976 .174360899605081 .19485 .10579 .19746 .197664486 .1976704897 .1757905939 .17439 .17579 .175	>	~	3	5	ð	Շ	Ç	ള	DLTALF	OL TB I			
199,544   12793   17405   -108094   -14524   10545   -105022   15314   3.93570     199,940   127872   17405   -10872   -14544   10545   -105022   15314   3.93370     199,940   127872   17405   -10873   -14544   10722   -105081   14494   3.88790     199,940   127872   17407   -10873   -146895   11433   -105426   119465   194794     199,240   127872   17407   -10873   -146895   11433   -105426   194794   3.88790     199,240   12787   1748   -10892   -146897   1163   -105079   118791   3.87740     199,750   12831   17356   -108919   -14486   11073   -105073   118791   3.87740     199,764   17419   -108178   -14645   11031   -103326   114565   3.87870     199,767   17419   -108479   -14317   11035   -103376   113254   3.89680     199,767   1748   -108479   -14364   11019   -103250   113254   3.89680     199,767   1748   -108479   -140673   11019   -103256   113263   3.93376     199,767   1748   -108479   -140673   11018   -103256   113263   3.93376     199,767   1748   -108479   -140673   -16255   114090   3.88760     199,767   1748   -108479   -140673   -165255   114090   3.88760     199,767   1748   -108479   -140673   -165255   114090   3.88760     199,767   1748   -108479   -168479   -16855   11690   3.88760     199,767   1748   -108479   -168479   -16855   11690   3.93376     199,767   1748   -108479   -168479   -16879   -168760   3.93376     199,767   1748   -108479   -168780   -168780   11690   3.93376     199,767   1748   -108479   -168479   -168550   11690   3.93376     199,767   1748   -108479   -168780   -168780   11690   3.93376   11690   3.88760     199,767   1749   -108479   -168520   -168550   11690   3.93376   11690   3.88760     199,767   1749   -17485   -16960   11690   11690   3.93376   11690   1	-297.580	-99.279	78875.	.17444	DA729	45031	117264	04994	.13924	3.8478		23000	
99,634 .27993 .174030882745444 .1034505022 .15314 3.90370 199,940 .27872 .174070673546895 .1143305426 .19465 .19465 .19469 398,250 .26938 .176010795546895 .1143305426 .19465 .19469 .19469 -102,200 .28347 .17556092094426704837 .21097 3.97740 99,050 .28347 .173560920944267 .103998055079 .18791 3.87740 99,050 .28351 .173560920944267 .105079 .13296 3.98740 199,050 .28351 .173560920944496 .105079 .13296 3.98740 199,050 .28351 .173560920944267 .105079 .13296 3.88740 199,050 .28351 .173560691044352 .1057905378 .13296 3.887470 2 CN	-295.290	.655	28096	.17386	08904	45232	10409	94971	.12569	3.8367		00040	
199.940 .27872 .174970873546895 .1143305426 .19465 .19484 3.88790 398.250 .26908 .176010795546895 .1143305426 .19465 .19465 .19465 .19465 .19465 .19465 .19465 .19465 .19465 .19465 .19465 .19487 .21097 3.97070 -2.390 .28347 .173860899244267 .0999805093 .18791 3.87740 99.099 .28591 .173260892244267 .0999805093 .18791 3.87740 199.650 .28170 .173860817044852 .1078405033 .13996 3.88245 3.990.750 .27147 .17448081784632 .1078905033 .13996 3.88245 3.990.750 .27147 .174480817846396 .1116305326 .14565 3.87470 199.284 .27439 .174490819043545 .1011905326 .14565 3.87470 1.666 .26607 .174490819043545 .1011905338 .07720 3.85760 199.756 .28128 .175880919043545 .1011905338 .07720 3.85760 199.756 .28452 .175620908344003 .1008703152 .13263 3.90376 3.99376 .14099 3.88701	-299.269	99.634	.27993	.17405	98827	45444	.19545	05022	.15314	3.9037		41930	
## 1756.0   1760.0	-298.849	199.940	.27872	17457	08735	45719	.19722	05081	.14494	3.8879		33000	
Z         CN         CA         CLM         CY         CYN         CBL         DLTALF         DLTBTA           -1/02,200         -28347         -17356         -709'66         -4267         -09677         -04837         -21697         3.97000           -2,307         -28234         -1736         -10892         -44267         -09677         -0509         -16791         3.97740           -2,307         -28391         -1736         -10809         -10503         -16791         3.97740           199,657         -28170         -1736         -16920         -44496         -10969         -05033         -18791         3.87740           199,657         -27147         -1736         -16452         -1073         -05033         -11996         3.87470           399,750         -27147         -17448         -16465         -11163         -05326         3.87470           399,750         -27147         -17448         -16396         -11163         -05326         3.87470           2         -27147         -17448         -06396         -11163         -05326         3.87470           399,726         -27439         -17465         -17669         -17669         3.87470	-297.329	398.250	.26998	.17651	07955	46895	.11433	05426	.19465	. 6154		87000	
Z         CN         CA         CLM         CY         CVN         CBL         DLTALF         DLTALF <td></td> <td></td> <td></td> <td></td> <td>н</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					н								
-102.200 .28347 .1733609:6643810 .0967704837 .21597 3.97050 -2.307 .28235 .17360892244267 .0999905099 .18791 3.87740 3.87740 399.059 .28591 .173260920944496 .1094404960 .15286 3.95981 199.857 .278147 .17448081900439605099 .18793 3.87740 3.87740 3.99.750 .27147 .174480817646396 .1077905336 .13996 3.88540 3.89776 .27439 .174490865343373 .1015303326 .14565 3.87470 3.87760 3.8776 3.89776 .28452 .177680899943645 .1011905358 .07720 3.85760 3.99776 .27476 .1756209083440763 .1008705559 .13264 3.99776 3.992747 .27476 .174490847943645 .1071905559 .13264 3.995760 3.992747 .27476 .174450847943645 .1078705559 .13263 3.97377 3.992747 .27476 .27476 .174490847943645 .1078705559 .13263 3.97377 3.99274 .27476 .27476 .174450847943645 .1078705555 .14099 3.88770 3.88770 .27476 .27476 .27476 .174490847943545 .1078705555 .14099 3.88770 3.88770 .27476 .27476 .174450847943545 .1078705555 .14099 3.88770 .	•	~	ટ	3	*7	Շ	ક	ਵੱ	CLTALF	CL TB T			
-2.301 .28235 .173660899244267 .0999905099 .18791 3.87740 99.097 .28591 .173260920944496 .100840960 .13286 3.95901 199.087 .281747 .173870691944496 .100840960 .13286 3.95901 199.087 .28177 .174480817806396 .1116303326 .14565 3.87477 3.99.751 .27439 .174480817846396 .1116303326 .14565 3.87477 3.87474 .27439 .174490866343373 .1015503179 .04584 3.89680 1.666 .26807 .174490867943645 .1011905358 .07720 3.85760 199.76 .28452 .175880990344003 .1008705152 .13263 3.90376 3.999.745 .27476 .174450847943645 .1018705152 .13263 3.90376 3.999.745 .27476 .174450847943645 .1008705152 .13263 3.90376	-201.290	-102.200	.28347	.17536	99,65	43819	7.2960.	04837	.21997	3,9709		79000	
99,009 .28591 .173260920944496 .1008404960 .15286 3.95980 199,487 .28170 .173970691044652 .1027905733 .13996 3.88540 3.895,750 .27147 .174480817846396 .1116303326 .14565 3.87470 .174480817805326 .1116303326 3.87470 3.87470 .17448081784337903326 .14565 3.87470 .1766 .26807 .174190866343373 .1015503179 .074584 3.89680 199,766 .28876 .175620908343545 .1011905358 .07720 3.85760 199,765 .28452 .1756209083444005 .1008705152 .13263 3.97376 3.999,745 .27476 .174450847945529 .1068305265 .14699 3.88770	-198.720	-2.399	.28235	.17386	08992	44267	<b>8666</b> 0°	05009	.18791	3.8774		11000	
199, 650 . 20170 . 17397	-204 .260	99.ng	.28591	.17326	09209	44496	19084	04960	.15286	£ 6 £ 6 £		2900	
399,750 .27147 .174480617846596 .1116305326 .14505 5.87470 8N/L = 4.01  RUM NO. 7597 0 RN/L = 4.01  2 CN CA CLM CY CYN CBL DLTALF DLTBTA92.264 3.896.80 1.666 .26607 .174190866343373 .1015505179 .04284 3.896.80 1.666 .26607 .174510819043542 .1011905358 .07720 3.85760 99.776 .28452 .175620908344005 .1018705152 .13263 3.99376 3.992.745 .27476 .174450847645529 .1068305265 .14090 3.88770	-199.250	199.650	.20179	.17397	06910	44852	10279	05033	13996	3.885		00000	
#UN NO. 759/ () RN/L = 4.01  2 CN CA CLM CY CYN CBL CLTALF DLTBTA -97.264 .27439 .174190865343373 .1015505356 .074564 3.89680 1.666 .26807 .174510819043512 .1031105356 .07720 3.85760 99.776 .28128 .175880887943645 .1011905559 .13264 3.89670 199.767 .28452 .175620908344005 .1008705152 .13263 3.99370 399.747 .27476 .174450847645529 .1068305265 .14090 3.88701	-198.350	399.750	.27147	.17448		463%			.14363	7 20.0		2220	
2 CN CA CLM CT CT CTN CBL DLIALF DLIBITA-97.264 .27439 .1766 .26677 .174197865343373 .1761575179 .74584 3.89689 .1766 .26677 .174517819043512 .1751105358 .07729 3.895769 .99.776 .28452 .175625998344695 .1011975259 .13263 3.99379 399.747 .27476 .174457847645529 .1768352655 .14699 3.88799					н								
-97.284 .27439 .174190866343373 .1015505358 .074584 3.89680 1.666 .26807 .174510819043512 .1031105358 .07720 3.85760 99.776 .28128 .175880887943645 .1011905259 .13264 3.85760 199.765 .28452 .175620908344005 .1008705152 .13263 3.99370 399.745 .27476 .174450847645529 .1068305265 .14090 3.88700	٢	~	3	5	Ť	Շ	Š	ಕ	CLTALF	OL TET			
1.666 .268n7 .174510619043512 .1031105358 .07720 3.85760 99.776 .26128 .175880687943645 .1011905358 .13264 3.85670 199.765 .26452 .175620908344005 .1008705152 .13263 3.99370 399.745 .27476 .174450845205529 .1068305265 .14090 3.88701	-99.014	-37.284	.27439	17419	58663	43373	.15155	95179	.94584	3.8968		U0U96	
99,776 .28128 .175880887943645 .1011905250 .13254 3.85670 199,765 .28452 .175620908344005 .1008705152 .13263 3.90375 399,745 .27476 .174450847645529 .1068305265 .14090 3.88700	-96.369	1.666	.26877	.17451	06190	43512	115311	05358	02770.	3.8576		RODO	
199.765 .28452 .175625908344005 .1008705152 .13263 3.90375 .399.745 .27476 .174450847645529 .1768305265 .14090 3.88700	-99.029	8.776	.26128	.17548	58879	43645	15119	45259	13254	3.867		24006	
399.745 .27476 .17445 naars45529 .1683 n5265 .14090 3.88700	-99.179	199.765	.28452	.17562	59083	44005	19001	05152	. 13263	3.9037		33500	
	-99.215	399.749	.27476	.17445	19847.5	45529	.17683	65265	.14999	3.887		01000	

A 7. A
SOURCE DATA
TABULA TED S
1A87 TA

CATE 29 MAY 75

FAGE 219

(RTU255) ( 03 OCT 74 )	
AEDC/VASSB(1A87)-O1ET1S1-ORB/ET W L/M SRB SEPAR.	

	ארי באנישיני כאים	[									
SAF" = 2690 LREF = 1290 BREF = 1290 SCALE =	2690.0000 59.FT. 1290.3000 INCHES 1290.3000 INCHES 1290.3000 INCHES	7 14.0 T	. 1997.0000 IN. .0000 IN. .450.0000 IN.	IN. AT IN. 2T			KACH ALPHA X X X		4.520 F1 10.000 BE 5.200 DE 300.000	PTOTL = BETA = CBETA =	60.400 15.800 3.998
		RUN NO. 763/ 0		RN/L = 4.95							
<b>&gt;</b>	~	ž	5	E.	č	Ē	e e	DLTALF	OL TB TA	×	
-396.850	-99.509	.27659	17487	98552	45969	.19616	05093	5.12050	3,85234	300,00000	S
-396.560	364	.27755	.17599	08623	46105	10904	65195	5.15779	3.88325		E
-399.010	99.718	.27712	.17465	08597	46322	.11969	05138	5.15729	3.86990		8
-398.450	199.630	.27387	.17481	98357	46636	.11281	95234	5.16949	3.87550		Ş
-398.990	399.800	.2690\$	.17666	97959	46892	.11445	95421	5.14910	3.88669		8
		RUN NO.	7647 G RN	RNZL = 4.01							
>	~	3	3	<b>1</b>	ځ	Š	ĕ	C: 14  F	78T 52	×	
-299.020	-190.349	.27934	.17321	08781	44861	1,1206	08656	5.14677	3.89567	Š	8
-309.949	-1.798	.28517	06221	58845	45196	10405	04985	5.20010	3.84250		: E
-298.459	99.737	.27961	.17445	8679G-	45465	10564	108041	C + 524D	3 97570		3 8
-298.330	199.66	.27764	.17432	08659	45820	19789	95115	5.15910	3.86950		3 8
298.800	399.590	.269%	.17655	-,67959	46899	.11443	- 5455	5.14845	3.88690		8
		CH NO.	7657 g RN	BN/L = 4.01							
<b>&gt;</b>	~	3	đ	3	ç	ž	g	DLTALF	DL 78 TA	×	
-197.259	-98.482	.27636	.17459	78542	43746	71760.	05094	5.09420	3.91690	CCCS . 655	8
-199.390	263	.28595	.17325	98231	44072	.09881	54978	5.14739	3.89519		8
-199.290	99.500	.28431	.17364	90166*-	44774	117267	-,05500	5.15080	3.83369		5
-199.670	199.745	.28939	.17476	TC883	45918	.19366	05576	5.15060	3. 1590		8
2011.500	470.921	28022	.17492	08084	46591	.11279	05359	5.19570	3. 459		8
	•	RUN NO.	7667 G RN	RN7L = 4.91							
<b>.</b>	2	ટ	3	CLM	გ	ر ک	ອິ	CLIALF	દા rB TA	×	
-90.747	-100.240	.26675	.17378	08028	43285	.19268	55458	5.12695	3.89747	359.33970	Ş
-99 171	230	.27978	.17537	58313	43334	.17281	55386	5.13269	3.95360		ç
-113.920	90.342	.28199	.17566	08939	43809	.19153	-,95296	5.18350	4.51990		: 5
-99.291	199.840	.28976	.17563	08632	44434	10339	75191	5.12580	3.89127		· 5
-99.229	399. A6r.	27.473	17571	0.000				,			

# AEDC/VAS28 (TAB7) -O1ET1S1-ORB/ET W L/H SRB SEPAR.

(RTU256) ( 03 OCT 74 )

	REFERENCE DATA	4				ā.	PARAMETRIC CATA	CATA	
SAEF = LAEF = BASF = SCALE =	SAEF = 2690,0000 59.FT. LREF = 1290,3000 INCHES bacf = 1290,3000 INCHES SCALE = ,0100	X X X X X X X X X X X X X X X X X X X		XMRP = 1997, P200 IN, XT YMRP = , D200 IN, YT ZMRP = 450, D200 IN, ZT	MACH = ALPHA = CALPHA = X		4.520 10.000 5.200	PTOTL BETA CBETA	
		2	•	50 7 T T T T T T T T T T T T T T T T T T					

60.400 15.600 3.900

>	~	3	5	ğ	ځ	γ	ಕ	DLTALF	CLTBTA	×
394.220	-1751.475	.27880	17349	98763	45377	.19483	04985	5.14500	3.82390	. 58668
399.030	647	28995	.17372	98847	45593	.19655		5.15800	3.89580	.39334
490.459	190,119	.27830	.17383	08714	45984	10902	05078	5.13939	3.93000	.34916
194.510	200 510	77477	17439	98429	46523	.11211	05206	5.11479	3.83840	.21327
-399.230	399.670	.26993	.17658	97951	46876	.11437	05419	5.14799	3.89174	. 86656
		RUM NO. 7	7697 5 RN	RN/L = 4.01						
>	~	3	3	¥,	ځ	¥.	ಕ	CLTALF	CL TB TA	×
297.719	-99.915	.28262	.17519	09027	43297	86d613	04715	5.14399	3.91569	.07345
-296.200	406	.28669	17507	09490	43600	.09512	04611	5.17979	3.82470	01644
297.230	96.596	.28957	.17417	09521	44361	21660.	04738	5.21885	3.85719	.33686
296.190	199.697	.20134	.17354	08925	45424	.19575	05039	5.15360	3.87179	.23057
-297.400	396.780	.27131	.17567	08128	46756	.11358	-,05346	5.18090	3.81790	.62942
,	•	ą	3	3	ځ	2	ē	C) 14.	C 1814	×
. 40	, 100 Jan	7777	1.566	08718	41203	84060	04910	5.12530	3.87920	.04435
2007	-1.291	.28139	17519	99348	41649	90260	04703	5.15930	3.86670	. \$8867
203.300	99.525	.20755	.17514	09654	42123	40460	94654	5.14360	4.01030	1.25330
196.400	199.650	.29390	.17458	09837	43206	.09601	04706	5,13719	3.87950	. 70605
-190.830	399.420	60272.	.17519	08279	46379	.11143	05318	5.15320	3.39255	1.55819
		AUN NO. 7	767/ 9 RN	RN/L = 4.00						
•	~	3	5	ž	Շ	Š	<del>ළ</del>	CLTALF	OL TB TA	×
-99.173	-96.932	.25920	.17614	56141	49981	\$0860*	05314	5.11490	3.98560	94425
-99.399	676	.27242	.17629	00313	41342	.10036	05457	5.12800	3.82120	.67431
-100.119	99.146	99292	.17616	1.8563	41375	\$1660	05373	5.13190	3.94119	. 61537
-99.979	199.690	.29364	.17743	09161	41681	.09759	05020	5.12630	3.89930	.35438
-99.278	399.477	.27443	.17532	76351	45618	19724	65298	5.14810	3.84930	. 59965

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AECC/VASZB (IAB7) -OIETISI -ORB/ET W L/M SRB SEPAR.

(RTU257) ( 93 OCT 74 )

	REFERENCE DATA	14									
SREF = 2690,0000 BREF = 1290,3000 SCALE = 17109	.0000 SQ.FT. .3000 INCHES .3000 INCHES	# # # # # # # # # # # # # # # # # # #	1997,0998 IN. XT .0998 IN. YT 459,0000 IN. ZT	X . X . Y . Y . Y . Y . Y . Y . Y . Y .			MACH ALPHA CALFH	. H II II	4,520 FTOTL 10,000 BETA -4,900 DBETA	11 H H	65.499 15.899 3.900
		RUN NO. 77	771/ 0 RN	RN/L = 4.90							
-	2	ટ	5	טר.	Շ	S S	Ð	DLTALF	CLTBTA	× '	ç
-398.420	96.995	.27923	.17388	08788	45790	.19733	-,05015	-4.81090	3.91100	CI.	15491
-399.480	199.080 399.670	.25874	.17353	08705	46874	.11426	-,55421	-4.82500 -4.85510	3.89970	.17/165	165 165
		PUN NO. 71	7727 G RN/L	ال = 4.01							
,	4	3	3	3	č	Š	é	DL TALF	CL TB TA	×	
	. 8	28973	17469	45590	44020	16960	54611	-4.61760	3.03870	<b>19</b> CL0.	<b>₹</b>
280.082	670, 107	.28679	.17241	09485	44892	12201.	94814	-4.92230	3.89110	.516/15	2U3
655. 963-	395.720	.27249	.17531	08273	46273	301117	-,05249	-4.85690	3.88420	.4050%	8
		RUN NO. 71	773/ 0 AN	ANT = 4.01							
,	•	ē	3	T C	č	Š	ਵ	CLTALF	CL TB TA	×	
-199.807	84.423	.28236	.17530	09396	42272	36760.	04660	-4.86819	3.90580	6.950	\$
-199.245	199.980	.29440	17429	-,09988	42419	.09273	04583	-4.86360	3.68739	.05714	7.5
£ 7.003-	400.630	62772.	.17331	-, 96629	45298	.19575	55154	-4.88390	3.92240	.13787	787
		FUN NO. 7	7747 G AN	RN/L = 4.01							
•	•	ð	3	¥.	Շ	Ē	ಕ	CLTALF	OL TB TA	×	
190	00.553	.26898	17619	08058	49930	07860.	65291	-4.87910	3.3589	.15733	733
000	20.010	28748	.17456	08727	49579	.09121	95320	-4.99339	3, 4719	24695	395
479	100 AP	29051	17366	20.00	41700	0.076.6	400	00000	20011	ċ	045.00

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### DATE PS MAY 75

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1A87 TABULATED SOUNCE DATA

:		60.400 15.600 3.900
3		
(RTUZ56) (13 OCT 14 )	DATA	PTOTL BETA DBETA
(RTURS	PARAMETRIC DATA	4.520 10.000 -4.900 300.000
		MACH = ALPHA = CALPHA = X
AEDC/VAS2B (IABT) -OIETISI-ORB/ET W L/H SRB SEPAR.	REFERENCE DATA	SAEF E 2690.0000 34.FT. XMRP E 1097.0000 IN. XT LAEF E 1290.3000 INCHES YMRP E .0000 IN. YT BAEF E 1290.3000 INCHES ZMRP E 450.0000 IN. ZT SCALE E .0100

	X 300,25000 300,67000 300,30000		x 300,41000 300,27000 300,47000		X 310.46000 299.96000 299.94000		x 000-30000 300-30000 300-12000
	5.86780 3 3.86780 3 3.88030 3 3.86775 3		5,88815 3 3,88035 3 3,89035 3		5LT3TA (199020 3 1.87590 2 3.89030 2		5,90320 3,90320 3,92240 3,97050
	0LTALF -4.85380 -4.90550 -4.85690		DLTALF -4.95069 -4.85739 -4.85619		CLT&LF -4.85320 -4.85597 -4.86515		DLTALF -4.87100 -4.67335 -4.84730
	CBL -,05099 -,05153 -,05413		CBL 04934 05026 05382		CBL 04933 04945 05267		CBL 05233 05102 05161
	CY3 .11007 .11162 .11422		CYN .10472 .10648		CYN .10347 .10111 .10941		CYN .10173 .09847
	CY 46225 46425 46823		CY 45314 45589 46719		CY 44433 44579 45912		CY 43818 43518 44979
RN/1 = 4.01	CLM 08641 06530 07952	RN/L 7 4.01	CLM 09006 08838 08012	RN/L = 4.90	CL# 09192 0921f 58264	RNL = 4 02	CLM 08594 09178 08706
778/ 0 RN/	CA .17471 .17437 .17626	777/ O RN/	CA .17353 .17362 .17475	776/ 0 AN	CA .17354 .17351 .17323	775/ O RNU	.17481 .17546 .17312
RUN NO. 77	CN .27764 .27623 .26868	RUN NO. 77	CN .2820 <b>8</b> .27999 .26965	RUN NO. 77	CN .28548 .286513	RUN NO. 71	CN .27653 .28550 .27882
	2 090-80 201-060 396-750		2 99.748 201.030 598.780		2 99.615 199.863 579.630		2 99.743 199.965 399.370
	-536.310 -399.920 -396.910		7 -296.770 -296.970		v -201.620 -199.190		

PASE 814

(ATURSO) ( 05 OCT 74 )

PARAMETRIC DATA

AEDC/VASES (TAB7) -OLETISI -ORB/ET W L/M SKB SEPAR.

	REFERENCE DATA	,T.						# A.R. A.	PARAMETRIC DATA		
1975 = 1895. 1977 = 1895. 1977 = 1895.	1690.7000 54.FT. 1890.3000 INCHES 1890.3000 INCHES .1100	TARE A	1097.0000 1N. XT. 0000 1N. XT. TY .NI 0000 000 486	IN. YT IN. YT ZT ZT			HACH BALPHA B CALPHA B		4.329 PTOTL 10.009 BETA .200 CBETA	н н н	60.490 115.800 7.900
		FGR 10.	779/ D RN	EN/L = 4.90							
-196.902 -196.190 -196.190 -199.160	2 -100.170881 95.348 199.940 3590	CN .20557 .20213 .20211 .20213 .20213	CA .17240 .17032 .17012 .17119	CLM 09260 09787 09638 09111	. 44037 -, 44272 -, 44685 -, 45456 -, 45472	CMs .09687 .09814 .10211 .10534 .11373	CBL -, 04732 -, 04653 -, 04764 -, 04974 -, 05356	0LTALF .19181 .19693 .17268 .15311	DLTBTA 7,88310 7,92420 7,94380 7,88290	x .11532 0031 .00714 13762 .23505	
		RUN NO. 785/ 5		RHVL # 4.01							
			į	;	8	3	ĕ	CLTALF	CLTBTA	×	
<b>&gt;</b>	~	Z	<b>Y</b>	C 100	41704	0.04.03	- ()446	.15483	7.80549	29373	_
120°.503	-\$.77	61.482	.17433	30000	76067	CARAIL	-, 74674	.11836	7.94551	.32781	_
-300.990	554	29116	37475	500Ki	12461	CA776		.GR235	7,89:59	69863	_
-301.629	101.635	677.0		*****	44344	30 <b>3</b> 60	04632	.11322	7.87170	<b>8</b> 1.7	
-300.96n -300.710	200.460 399.660	.27.53	121/11	6129.	-,46228	67011.	-,55271	.14793	7.91150	3688	
		RUN NO. 7	781/0 48	RNA = 4.51							
			;	3	3	Ē	é	CLTALF	OL TBTA	×	
>	~	z i			A. 1. 1.	00470	04539	10231	7,65450	0476	•
-196.960	-86.339	GC 162.	17343	60 GI '-	10417	Caso	-, 7,48.25	.11961	7.91650	17311	
-199.419	259	.2766	1760	660.600	10101	CB197	04732	.11559	7,92000	.0699.	_
-189.893	99.854	14862.	17393	016601	3060	9889	1,0461.1	.12546	7.89729	.3.7661	
-149,419	199.687	90505	17344	626011-	45215	1,053.9	(e : S) -	.12515	7.44357	4 MU76	<b>a</b> .
-271.67	470.567	.2777.7		. YOU .							

DATE BO MAY 78

				1467 74	IABY TABULATED SOURCE DATA	MCE DATA				PAGE 215
			A_RC/VAS28 (IA87) -OLETIS1-ORB/ET W L/M SMB SEPAR.	1487) -OIE1	7181-048/ET	Sec and a	SEPAR.		(RTURES)	( B) OCT 74 )
	MEFFUREE CATA	4						PARA	PARAMETRIC CATA	
CO10" 2 JAVS  DOUG DAZI 2 JAVS  DOOG CAZI 3 JAVS  DOOG DAAZ 3 JAVS	. 9000 S4.FT. . 3000 INCHES . 3000 INCHES		1097,0000 IN. .0000 IN. 450,0000 IN.	* * * *			MACH ALPHA CALFHA X	31 39	4.329 PTOTL 10.000 BETA .200 CBETA	/L = 60.409 1 = 15.609 1A 7.909
		RUN NO. 784/ 9	847 0 RM/L =	10.4						
7 -396,770 -401,440 -41,120 -27,481	2 01.001.001 040.001 041.003 041.003	CN CN .28162 .27939 .27939 .27642	7267 7175 7216 7308 7648	<u> </u>	CY 45386 45740 46189 46189	.10465 .10619 .15766 .11032	CBL -,04902 -,04946 -,05016 -,05130 -,05417	0,174,F .15196 .13724 .13113 .12934 .14467	CLTBTA 7.86329 7.95300 7.86800 7.94010	x 299.95000 300.54000 300.49000 300.11000
		RUN NO.	7837 0 RN/L	RN/L = 1.91						
7.065- 695-665- 695-665- 695-665-	2 -86.475 -29.99 -27.79 -29.698	CN .28121 .28598 .28963 .28953 .28524	. 17275 . 17162 . 17147 . 17199	CUM -,06950 -,09299 -,09219 -,08000	CY 43936 44218 44735 45142	CYN .09695 .09657 .10439 .11534	CBL 04651 04659 04970 05389	0,74,F .11167 .16729 .15293 .14294	DLTBTA 7.83769 7.81739 7.91739 7.97789	X 659.94000 659.35000 700.21000 700.051000 700.31000
042-041- 040-041- 041-041- 042-041- 042-041-	2 -100.430 -1140 99.869 199.640	CM 10. 1 CM .28124 .29288 .29111 .29111	7427 5 EM/L CA .17511 .17354 .17278 .17278	CLM 0e924 0e994 09554 09554	CV 42515 43229 42927 45625	CNV .093/67 .09513 .092/89 .1995/89	CBL 04886 05092 04918 05286	DLTALF .14164 .13745 .13979 .14739	0LTBTA 7,92610 7,97400 7,86300 7,87740	X 300.10000 300.10000 300.04070 299.80000

r nG

(KTU261) ( 53 OCT 74 /	PARAMETRIC CATA	4.529 PTOTL = 69.400 10.000 BETA = 15.600 5.200 DEETA = 7.900 306.000
AEDC/VASEB (1487) -ONETIS1-OMB/ET W L/M SMB SEPAR.	REFERENCE DATA	##CF = 2690,0000 50,FT, XMEP = 1097,0000 IN, XT  LREF = 1290,0000 MCMES VMEP = .0000 IN, YT  BREF = 1290,0000 INCMES ZMEP = 450,00070 IN, ZT  SCALE = .0170

2. 29. 360 -9. 362 -3.12 -9. 741 -9. 850 -9. 741 -9. 850	ŭ <b>%</b> 11 ⊆ ⊊	CN -2819. -28049 -27881 -27564	2888	- , nasse - , nasse - , nasse - , nasse - , nasse - , nasse	. 45358 45590 45807 46293 46861	.10463 .10656 .10606 .11065	CBL 04936 04999 05048 05162	5.12127 5.12127 5.15600 5.15270 5.14730	CLTBTA 7.92740 7.89399 7.87459 7.87869	x 299.91000 300.28000 300.12000 300.13000 300.23000
7 7 4 170-89 010-89-89-170-370 170-89 010-89-69-170-89-69-170-370 170-89 010-89-69-770-770-770-770-770-770-770-770-770-77	•	CN NO. 7 CN280131286152862726250	7.06.7 O Re CA .1726.3 .1726.7 .1726.3 .1756.3	FNA. = 4.00 CLM newsn 09461 09513 09513	CY 43682 44327 45267 45267	CYN .09559 .09907 .10223 .10504	CBL 04916 04823 04910 05024 05414	5.14620 5.15260 5.15260 5.15140 5.15640 5.03390	ELTBTA 7.91120 7.86980 7.86981 7.87320 7.61120	X 300.2000 300.2000 300.54000 300.07000 299.48200
222.104 105.06 252 201.96- 201.96-	•	CN NO. CN S2125 .27555 .29572 .26763	CA 17426 17426 17524 17596 17597	FM/L = 4.01 CLM 06509 09583 09508 09122	CY 42749 42623 433/2 44147 463/3	CYN .09312 .09171 .09488 .09694	CBL 05151 04970 04971 04972 05121	6.TALF 5.09950 5.13590 5.15140 5.14860 5.59160	CLTBTA 7.92040 7.90130 7.97660 7.97580	X 299. 56000 300. 34000 300. 21000 300. 21000 300. 32000

REFERÊNCE DATA

PAGE 217

(RTU262) ( 03 OCT 74 ) PARAMETRIC DATA AEDC/VAS28 (TA87) -OIETISI-ORB/ET W L/H SRB SEPAR.

	BETA =	5.200 CBETA =	600° ≠ ×
1097.000 IN. XT	P = .0000 IN. YT	450.0000 IN. ZT	
н	**	н	
XXX	YHARP	ZARR.P	
SREF = 2690.0000 SQ.FT.	1290.3000 INCHES	1290.3000	0010
11	H	#	H LJ
SREF	רוננו	BAEF =	SCALE

SCALE =	.0100						×	**	000	
		RUN NO.	790/0 R	RN/L = 4.01						
>	7	3	ð		Շ	Š	ਵੱ	DLTALF	CLTBTA	*
-499,389	-199.299	.28953	17947		43975	.09635	04683	5.11749	7.87630	.99586
-399.530	595	41063.	.17979		44553	.10005	04738	5.15150	7.82569	.81531
-399.620	96.674	.28894	.17163		45158	.19419	04863	5.14779	7.87669	.95681
-400.320	200,460	71812	.17219		45859	17901.	05091	5.10929	7.90520	.84838
-396.360	399.520	.26879	.17629	07938	468:17	.11414	05409	5.17259	7,88320	1.51210
		RUN NO.	789/ D R	RN/L = 4.01						
>-	2	3	5	¥ J	Շ	Š	ਵ	DLTALF	CL TB TA	×
-296.:70	-100.539	.28552	.17419	09276	41262	.08278	04676	5.17589	7.96280	.43299
-296.300	058	.39157	.17164	10429	41581	.00511	04503	5.12370	7.84255	.12299
-297.310	96.850	.30369	.17288	10507	42593	77680.	04487	5.19480	7.85069	.30840
-299.120	199.719	.29246	.17274	99750	43888	.09728	04766	5.15310	7.88329	.46346
-297.710	398.650	.27197	.17469	08210	46563	.11251	-,05258	5.1927()	7.81789	.63628
		RUN NO.	788/ D R	RNZL = 4.00						
۰	2	3	5	CLM	გ	Š	é	CLTALF	CLTBTA	×
-198.540	-199.139	.27169	.17692	08697	39156	.08370	05012	5.10420	7.68030	.15063
-201.650	795	.28950	10771,	09821	38926	.28146	04786	5.08030	7.91070	. 83812
-254.635	99.110	709621	.17686	19946	39861	.08430	04690	5.13190	8.516.99	1.43890
-199.369	199.680	.29990	.17562	10247	41424	.08791	04658	5.14220	7.89660	.49810
-199.189	399.470	.27298	.17491	08293	45963	10901.	05274	5.14950	7.89120	.87695

### AEDC/VASZB (1A87)-OLETISI-ORB/ET W L/H SRB SEPAR.

(RTU263) ( 93 OCT 74 )

PARAMETRIC DATA

60.400 15.800 7.900

DBETA = FTOTL BETA

REFERENCE DATA

CATE EG HAY 75

in her

		;		1	1x x1 0000 5000	 HV	11	4.520
SEE	H	2690.0000 SQ.FT.	X		HA THE SOCIETY OF THE PARTY OF	ALFAA		19,939
ريور	"	1290.3000 INCHES	Y MAX	**	T. W. Libba.	CALPHA:	,,	-4.900
BREF	H	BREF = 1299.3990 INCHES	Z.	11	450.0000 IN. ZI	666. = ×	,,	000
ACA: F	**	0100				4		

### RN/L = 4.01 RUN NO. 791/ 5

x 13566 .04795 .16735		x 14483 .58558 .19191		x .19210 09005 .25691
CLTBTA X 7.88180 7.87860 7.88530		6LTBTA 7.91180 7.95550 7.90620		CLTBTA 7.91930 7.89726 - 7.93750
5LTALF -4.76339 -4.85249		CLTALF -4.85600 -4.92220 -4.85810		CLTALF -4.88420 -4.89110 -4.90150
CBL 04631 04893 05258		CBL 04504 04445 05123		CBL 04653 04655 04912
CYN .09992 .10380		CYN .08637 .08879		CYN .07952 .07867
CY 44578 45988		cy 42268 42434 45249		CY 39082 39448 43735
СLИ -,09982 -,09631 -,09204	NVL = 4.01	CLM 10125 10746 08607	RN/L = 4.01	CLM -,09490 -,10386 -,09587
CA .17023 .16955 .17268	92/ D RN	CA .17353 .17118 .17100	793/ O KN	CA .17621 .17471
CN .29460 .29021 .27141	RUN NO. 7	CN .29761 .3:0625 .27609	RUN NO.	CN .28573 .30245 .29074
2 98.458 199.910 399.720		7 100.090 200.990 399.780		2 99.824 200.080 401.190
Y -397,680 -399,390 -399,240		7 -299.070 -302,420 -299.750		7 -199.520 -199.280 -200.930

### REFERENCE DATA

PARAMETRIC DATA

(RTUZ64) ( 03 OCT 74 )

AEDC/VA528 (IA87) -O1ET1S1-ORB/ET W L/M SRB SEFAR.

60.400 15.800 7.900
(1 11 11
FTOTL BETA SBETA
4,529 10,006 -4,907 300,006
" " " "
MACH ALFHA CALFHA X
1N, XT 17, 77 17, 77
1597,0000 TN, XT ,0007 12, YT 450,0000 13, ZT
и и и

### YMEP ZYRP XXX SACF = 2690.9090 50.FT. X LREF = 1290.3090 INCHES Y BACF = 1290.3090 INCHES Z SCALE = .0190

RUN NO. 7967 5 RN/L = 4.95

7 -398.820 -401.210 -399.960	2 99.898 201.079 399.820	CN .2823 <b>6</b> .27827 .26853	CA .17155 .17189 .17550	CLM 09060 08732 07935	CY 45651 46016 46795	CYN .10685 .10916	CBL 04945 05961 05405	BLTALF -4.85530 -4.91310 -4.85650	CLTBTA 7.86770 7.88200 7.90300	X 299.97000 300.57000 300.02000
		S NO.	795/ 5	RN/L = 4.91						
D90*663-	2 99.838 200.110	.29185 .29185	. 17145 . 17025	CLM 09725 09572 08151	CY 44510 44809 46296	CYN .10007 .1.3216	CBL -,04785 -,04855 -,05282	0LTALF -4,85250 -4,85190 -4 85350	DLTBIA 7.91020 7.89500 7.8960	x 306.34060 300.15090 300.04000

-,44819 -,44809 -,46296 CLM -.09725 -.09572 -.08151 .17145 .291**05** .2899**2** .27581 2 99.636 200.110 399.650

> 036.665--299.860

8
TABULATED
1487

DATE 20 MAY 75	ă.			1487	IAS7 TABULATED SOURCE DATA	OURCE DATA				PAGE 219
			AEDC/VA5	28 (1487) -01	AEDC/VA528(1A87)-O1ET1S1-ORB/ET W L/H SRB SEPAR.	T W L/H SRB	SEPAR.		(RTU264)	( 03 OCT 74 )
	REFERENCE DATA	4						PAR	PARAMETRIC DATA	
SREF = 2690 LREF = 1290 BREF = 1290 SCALE =	2690.0000 94.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XHRP :: YHRP :: ZHRP ::	1097,000 IN. .0000 IN. 450,0000 IN.	IN. XI IN. YI			A G ×	MACH = 16 ALPHA = 16 DALPHA = -4 X = 399	4.5g0 PTOTL 10.000 BETA -4.900 08ETA 300.000	= 60,400 = 15,800 \ = 7,900
	-	RUN NO. 7	7947 D RN	RN/L = 4.01						
7 -196.960 -196.970	2 00.785 200.060 39.985	CN .29001 .29490 .27342	CA .17365 .17325	CLM 09468 09627 06531	CY 43812 42954 45276	CYN .09444 .09207 .10579	CBL 04946 04636 05180	DLTALF -4.86370 -4.86880 -4.85750	0LTBTA 7.91780 3 7.87240 2 7.88870 2	X 300,36000 299,89000 299,94000
			AEBC/VAS	28 (1487) -01	AEDC/VAS28 (1A87) -CIETISI -CAB/ET W L/M SAB SEPAR.	T W L/H SÆB	SEPAR.		(RTU265) (	( 03 OCT 74 )
	REFERENCE DATA	7						PARA	PARAMETRIC DATA	
34EF : 2690	2690.0000 99.FT.	XXXX	1097.0000 IN.	IN. XT			¥	64	4.520 PTOTL	60,400
H H H	1290,3000 INCHES 1290,3000 INCHES .0100	7 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	.0000 IN.	IN. 71			₹ã×	" " " " " " " " " " " " " " " " " " "		" "
	-	FUN NO. 75	797/ D RN	RN/L = 4.01						
>	~	3	ಶ	ð	Շ	3	<b>e</b>	CLTALF	SLTB TA	×
-396.710	99.612	.27541	17555	06348	46537	11380	05186	4.82520	101 92	. 5812
-396.610	399.650	.26694	.17644	07951	-,46866	.11432	05415	-4.85620	11473	.43482
	•	RUN NO. 75	798/ D RN/L	ル= 4.03						
<b>&gt;</b>	2	3	5	KTO	Շ	ક	ਵੱ	DLTALF	CL TB TA	*
-239.710	99.346	.26073	.17566	08060	45348	.10469	04957	-4.81350	94747	.13147
-298.090	200.670 399.690	.27917	.17520	06742	45008	.11373	05051	-4.90890	13516	.23251
	•	RUN NO. 79	799/ D RN/L	ルェ 4.01						
<b>&gt;</b>	~	3	3	E C	Շ	Š	ē	DLTALF	SLTBTA	×
-199.100	906.66	.28361	.17557	09361	43704	.10032	04673	-4.85800	19448	.25989
-197.730	199.800	.29041	.:7487	09645	44141	1,0025	04685	-4.85060	-,13505	.44517
-200.139	400.630	.27277 RUN NO. 80	.17418 800/ D RN/L	08296 /L = 4.01	46187	.11947	05263	-4.88200	• : ::: • : :::::::::::::::::::::::::::	.21500
•	•	5	đ	7	ځ	Š	Ē	P. 14: F	St TR TA	*
-99.916	99.637	63775.	.17495	06948	43257	.10369	04922	-4.85739	07951	.14445
-97.931	199.690	.26844	.17576	09327	42320	.09073	54794	-4.86500	13126	.08076
-96.973	399.700	.27854	.17452	08621	45164	.15488	55200	-4.85980	10533	.20636

ORIGINAL PAGE IS OF POOR QUALITY

(ATU266) ( 03 OCT 74 ) PARAMETRIC CATA AEDC/VAS28 (1A87) -O1ET1S1-ORB/ET Y R/H SRB SEPAR.

	MEFERENCE DATA	<b>4</b>						£	באקאר ואור כאוט	<u> </u>	
SAEF = 2690 LAEF = 1290 BREF = 1290 SCALE =	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES	X X X X X X X X X X X X X X X X X X X	1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT	* * * * * * * *			MACH ALPHA DALPHA X	" " " " " " " " " " " " " " " " " " "	4.526 PTOTU590 BETA	PTOTL = BETA = CBETA =	60.400 15.700
		RUN NO. 6	804/ 0 RN/	RN/L = 4.01							
>-	N	3	ర	3	ځ	8	ਵੱ	DLTALF	DLTB TA	×	
10.588	-100.205	03301	.21150	.00348	53337	13607	-,06022	.21936	-,00189	٠	.15511
11.619	2.653	03744	.21140	19600.	52856	.13347	05773	.12814	08891	i	07493
10.956	707.66	03406	.21421	.00759	53651	13991	06167	.21294	01541	•	.18693
11.461	199.450	02457	.21556	.00338	55948	.15756	96374	.23157	02067	•	.22763
19.366	359.900	02833	.21468	60900	54420	.15638	05679	.23455	00193	i	01435
		RUN NO. 6	803/ 0 RN/L	L = 4.03							
-	~	3	5	Š	გ	٤	ਵ	CLTALF	DLTB1A	×	
99.494	-99.363	03857	.25632	.00859	51713	.13582	0029	17946	.04760		.18325
102.000	746	04207	.21421	.01323	52496	.14287	95981	.24469	04801	•	.22515
102,080	99.389	03165	.21566	.90589	53156	14808	06295	.24313	03175	•	.22003
		RUN NO. 8	802/ 0 EN/L	L = 4.03							
>	2	ક	5	S.	Շ	ξ	<del>ව</del>	CLTALF	CL TB TA	×	
272,779	-99.998	06247	.20566	50750	52002	.13655	05333	.22181	03275	•	.22419
200.240	619	04531	.21449	.01610	52697	.14412	05930	.24758	56020	7	04666
199.673	199.949	03609	.21759	99600	53533	.15085	56167	.18889	00127	•	.04387
299,649	200.390	02055	.21850	00120	54276	.15561	06307	.19795	54121	•••	.20803
199.600	399.990	03114	.21447	.00633	54992	.15591	05695	.22184	90327	•	.19617
		RUN NO. 8	8017 0 RN/L	L = 4.03							
>	2	3	ತ	r.	Շ	Ç	ෂි	CLTALF	DL 78 TA	×	
499.550	-99.990	04365	.21445	.01429	54179	.15595	55876	.21422	90174	٠,	.09004
399.680	286	04767	.21581	78710.	54597	.15980	95786	.22566	.01938	i	05479
399.950	99.643	03667	.21681	57600.	54490	.15974	55820	.21769	.01610	i	09067
499.259	200.000	02090	.21613	05202	54379	.15859	06063	.22519	.51626	•	.04132
400.280	490.039	93267	.21496	.03656	53356	.15236	55719	.21991	17.700.	٠.	.25133

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## AEDC/VAS28 (1487) -OIET1S1-ORB/ET W R/H SRB SEPAR.

								940	PARAMETRIC CATA	i
	REFERENCE DATA	474						r E		≤
SAEF = 269 LAEF = 129 BAEF = 129	2690.0000 34.FT. 1290.3000 INCHES 1290.3000 INCHES	YNRP ::	1097,0000 lW. .0000 lW. 450,0000 lW.	IN. XT IN. XT IN. ZT			MACH ALPHA CALPHA X	90	4.529 PT599 BE209 C8399.099	PTOTL = 69.499 BETA = 15.799 CBETA = .000
		PCN NO.	805/ D RN/L	ルニ 4.01						
>	~	3	ಶ	3	Շ	Š	ਵੱ	CLTALF	Ct. TB TA	×
12.231	7	03579	.21996	.00668	54186	.14509	05952	30696	947 52	390,12999
10.327		03755	.21278	.01065	54265	.14864	06203	.21591	.00105	300.02000
11.011	96.035	52821	.21657	.00514	54940	.15489	06377	.26893	67.97G	299.97000
9.417	199.630	78800.	.21716	01575	55648	.15958	96618	.21679	.02556	299.88000
86.61	607: IC*	RUN NO.	.61467 8967 9 RN/L	.: 4.02 4.02	33638	.15392	05896	. 16929	988T).	390,06990
>	2	3	5	T.	Շ	Š	ĕ	O. TALF	AT 81.4	×
99.663	-99.678	03967	.20888	.01028	53672	.14690	05949	18107	11800	TOTAL LAND
100.949	1.183	93376	.21594	96900	54485	15329	U6264	17419	- 04505	200 05000
98.603	199.179	01897	.22030	16000	54934	.15850	06416	22944	04889	300,0000
99.968	199.620	91199	.21487	00898	54561	.15692	96278	.21719	.01922	299.95000
199.529	399,950	02938	.21452	.00442	53583	.15359	05794	.22521	90568	390,99900
		RUN NO.	897/ G RN/L	ר = 4.02						
>	2	3	5	Ę	Շ	ξ	Ø	CA TALF	C: TB TA	*
200.260	-99.529	95417	.21243	.02164	53839	.15279	05664	.18984	.01753	300,18900
201.649	.274	03838	.21720	.01096	54366	.15777	96529	.20452	04868	399,23999
201.440	99.601	02189	.21861	50064	54314	.15819	06185	.23428	51548	300,19000
201.720	199.765	01428	.21400	93772	54145	.15643	06193	.23643	.00055	300,30000
199.559	400.300	03230	.21421	.05613	53283	.15167	55722	.19219	.02695	300,28900
		FUN NO.	856/ D RN/L	L = 4.02						
-	~	8	3	M-T-U	ò	Š	క	CLTALF	CL TB TA	×
396.849	-100.530	04293	.21330	.01382	53956	15707	05690	.22899	.09059	299,97000
400.420	98	03795	.21449	.01942	53577	.15429	05662	.23986	02729	399,19999
401.939	99.783	02591	.21531	.00145	53483	.15385	05954	.23935	32784	399,12999
400.610	199.850	02648	.21371	.00127	53119	15978	05983	.21450	03329	399,99000
400.079	399,700	03580	.21452	.00668	52851	.14881	05729	20715.	03919	300,2000

( 93 OCT 74 )	
(470268)	
SAB SEPAR.	
ETISI-CRB/ET W R/M 348 SEPAR.	
T151-C	

SACF = 2690.	2690.0000 Se.FT.	x 48P	1997.0000 IN.	N. XT			MAON	"	4.520 P	"	69.499
*	1290.3000 INCHES	YHARP	.N1 0000.				A.P.	ALPHA =		BETA = 1	15.790
II II	1290.3000 INCHES	248P	459.0000 IN.	N. 21			X CAL	CALPHA = 30.	5.200 01 300.008	CBETA =	8
		RUN NO. 81	812/ B RN	RN/L = 4.02							
>	~	3	5	3	Շ	Š	é	<b>PLTALF</b>	CL TB TA		
10.379	-100.590	04560	.21046	.01453	53506	.13950	05703	5.21780	.00293	300.16000	
10.00	2.063	04168	.21262	.01449	53419	.14455	06033	5.13520	.03954		
10.636	99.766	02594	.21660	.00459	54287	.15282	06294	5.21050	01316	390,17000	
9.961	201,620	01022	.21521	00628	54645	.15464	06302	5.12780	.06474	-	
7.557	397.959	02918	.21477	.00444	53378	.15226	95708	5.29360	.19201.	300.39900	
		RUN NO. 61	811/ D RN	RN/L = 4.02							
<b>&gt;</b>	2	3	5	ð	ځ	Š	ಕ	CLTALF	OL TB TA	×	
190.290	-191.039	04459	.21215	.01563	53630	.14518	05842	5.23150	002.83	300.24000	
102.130	-1.677	-,03545	.21632	.01061	54092	.15132	-,06099	5.28720	97681	300,46000	
199.559	99.80M	11610	.21915	00083	54339	.15533	:6270	5.21269	00605		
199.539	199.660	01949	.21424	00356	54003	.15409	06090*-	5.21100	00671		
191.629	399.A6G	03080	.21458	.00524	53319	.15172	55717	5.20910	04139	300.2000	
		RUN NO. 81	815/ 9 RN	RNA = 4.92							
<b>&gt;</b>	~	3	5	S.	Շ	Š	ਦੱ	CLTALF	CL TB TA		
203.060	-99.067	04556	.21350	.01562	53937	.15364	05796	5.21119	67501		
299.749	006	03745	.21626	.51039	53921	.15498	55873	5.26159	00675		
290.349	99.752	91926	.21781	00252	53953	.15569	56186	5.21669	.01696		
299.059	199.000	02259	.21377	00180	53795	.15448	05994	5.18380	00831		
199.380	399.630	03424	.21433	.00745	53511	.14967	05726	5.19860	40193	399.17990	
		RUN NO. 80	8097 D RN	RN/L = 4.02							
<b>&gt;</b>	~	3	3	ŧ	Շ	Š	ಶ	CLTALF	CLIBIA		
499.229	-199.979	94147	.21322	.01275	53817	.15580	05636	5.22919	.01556	355.06970	
399.520	395	93714	.21489	57600.	53507	.15335	05647	5.27250	.54381	300.03000	
400.300	99.835	02520	.21530	.00088	53418	.15315	05997	5.22100	.01394	300.12000	
499.189	199.739	03350	.21413	79900	52986	.14952	05890	5.21375	.05883	300,53000	

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(RTU269) ( 03 OCT 74 )

60.400 15.700 .900 PTOTL BETA CBETA PARAMETRIC DATA 4.520 -.500 5.200 .000 MACH E ALPHA E DALPHA E AEDC/VASZ& (1A87) -QIETISI -ORB/ET W R/M SRB SEPAR. 1097.0009 IN. XT .0000 IN. YT 459.0000 IN. ZT REFERENCE DATA = 2640.0000 54.FT. = 1290.3000 INCHES = 1290.3090 INCHES E = .0190 BREF :

x .09776 .01965 .35622 .07963 0LTBTA -.01943 .00020 -.00272 -.01250 5.21040 5.21040 5.19790 5.21170 5.20260 5.25550 -.05604 -.05604 -.06011 -.06229 .13061 .13029 .14109 .15492 CY -. \$2\$27 -. 51984 -. 53288 -. 54944 -. 53901 RV. = 4.91 CLM .01930 .01496 .01173 .00420 CA .21314 .21170 .21309 .21642 RUN NO. 814/ 0 CN -.05241 -.04304 -.03960 -.02595 99.837 200.030 399.000 2 -99.935 10.936 10.4**66** 10.666 10.390 9.786

MY = 4.02

RUN NO. 813/ 0

-.09678 .01590 × .04335 .26549 .04327 .04324 .04354 CLTBTA -.93688 5.20500 5.16250 5.13300 5.19990 5.24020 CBL -.05659 -.05174 -.06175 -.05690 C7N .13639 .14564 .14771 .15354 CY -.51765 -.52052 -.52944 -.53837 RNA = 4.51 CLM .02195 .01203 .00802 .00340 CA .21902 .21467 .21586 .21502 RUN NO. 815/ 0 - 53478 -.52732 -.93136 -.95517 -.93975 101.059 199.530 399.010 2 -190.980 1.069 7 100.619 99.428 97.162 191.179 99.557

.32076 .08940 .29207 .25351 х .13669 0.181A -.02535 -.01478 -.01232 .00454 5.22190 5.22520 5.21560 5.22430 5.22430 CBL -.05569 -.05904 -.06010 -.06191 CYN .13841 .14303 .15305 .15451 CY -.52106 -.52342 -.53113 -.53710 -.53802 CUA .02064 .01421 .01136 .00008 CA .21063 .21461 .21736 .21732 .21460 -.04193 -.05803 -.02257 -.03126 CN -.05182 -150.210 -.705 78.757 199.020 399.675 7 890.810 890.434 890.679 2001.260

.05532 .15362 x .00162 .03102 -.01672 -.07934 -.01694 5.17000 5.21550 5.22500 5.22250 5.21020 CBL -.05867 -.05719 -.05771 -.06084 .15699 .15777 .15723 .15655 -.54345 -.54305 -.54119 -.53966 -.53966 .01293 .01293 .01496 .001879 CA -21511 -21536 -21610 -21610 .21421 CN -.04155 -.04414 -.03519 -.02976 -.03422 2 -9.83 -.136 99.903 199.949 399.130 400.862 400.862 499.489 499.4<del>8</del>9

4.02

7

RUN NO. 016/ 0

BAEF : SCALE

60.400 15.700 (RTUE70) ( 03 OCT 74 ) .12031. .08433 .18181 x -.10111 -.16055 # # # PTOTL BETA SETA PARAMETRIC DATA -.09734 -.01694 -.07748 -.03368 .00801 .00841 -.0813 CLTB1A .00870 CL TB TA 4.520 -.500 -4.800 DLTALF -4.77660 -4.76480 -4.80360 CLTALF -4.85675 -4.78535 -4.75595 DLTALF -4.80060 -4.72080 -4.71480 MACH E ALPHA E CALPHA E CBL -.96441 -.96747 -.05682 CBL -.::6487 -.:06603 -.:05730 CBL -.06255 -.06532 -.05749 .15944 .14765 .15816 .15883 CAN 1.5130 .15894 -.54333 CY -.53378 -.55106 -.54818 C4 -.53707 RN7 = 4.01 RIVL = 4.01 RN/L = 4.01 CLM .95365 -.95193 -.00337 -.0009. CL# .01091 CCN .00191 .00339 -.00305 .00331 1097.0000 IN. XT .0000 IN. YT 450.0000 IN. ZT X .N1 0000,7901 H ... Y ... 2000 IN. X ... E ... 2000 IN. X ... E ... 250.0000 IN. X ... .21748 .21753 CA .21856 .22047 .216/13 .21416 .21423 .21292 .21425 RUN NO. 818/ 0 RUN NO. 8197 S 0 /028 J -.01753 -.92606 -.01522 -.03749 -.02696 -, 02888 -.02537 -.01904 -.02011 Ğ. 3 REFERENCE DATA 2690.0000 Se.FT. 1290.3000 INCHES 1295.3000 INCHES 2 100.000 199.830 399.630 199.140 2 80.211 200.320 400.540 2 99.875 200.120 10.429 **3** . 102.780 100.750 200.730 10.576

.11691

.05893

.01496 .01903 .07813

CLTALF -4.78370 -4.77920

CBL -.05894 -.06090 -.05694

.16313 ž

-.55051 -.54823 -.53724

-.00148 .0616

CA .21603 .21729 .21436

-.02130

-.03929

7 99.784 200.060 400.030

400.200 400.490 400.220

z

CLM .01164

8.4 m 7.8

RUN NO. 8177 0

CLTBTA

DATE 80 MAY 75				1 1041	IAST TABULATED SOURCE DATA	URCE DATA				PAGE 225	£
			AEDC/VASE	• (IA.) -OIE	AEDC/VASSO (IAA7) -OIETISI-QAB/ET W RM SAB SEPAR.	* * R.M. SRB	SEPAR.		(RTUE71)	( 03 OCT 74	_
-	NEFENENCE DATA	4						PARA	PARAMETRIC DATA	<	
1467 = 1240.0000 1467 = 1240.3000 1467 = 1240.3000	.3000 14C/ES .3000 14C/ES .3000 14C/ES .0100		1 0000 1000 1 1 0000 1 1 0000 1 1 0000 1				HACH ALPHA BALPH	, A , H H H , S	4.529 PTOTL 599 BETA -4.809 GBETA 509.009		. 405
		<b>3.</b> 0. <b>1.</b>	0 /130 EN/	RN/L = 4.00							
7 11.049 10.084	2 86.847 199.890 401.530	CN 03010'- 03010'-	CA .21546 .21933 .2148	CLM 00257 01403	CY 55864 57490 54285	CYN .15896 .16962 .15776	CBL 96764 06727 09696	0LTALF -4.78020 -4.77940 -4.83100	CLT81A 02365 .01107 02666	299.83000 300.07020 300.13000	
		RUM NO. 82	/NB 0 /220	RN. = 4.01							
•		3	5	Ð	Շ	£	ਵੱ	DLTALF	CL 78 7.A		
100.710	2.2	91464	11032	00435	55570	.16140	06740	7.7999	00203	390.29996	
100.420	199.060 399.750	02781	.21470	96800°	54011	.15606	05662	4.77150	204 94	299,96000	
		RUN NO. 82	8237 D RNA	ሊ = 4.91							
•	•	3	3	Š	Շ	Š	<b>ච</b>	CLTALF	CLTBTA	×	
PDE . 290	100.130	-, 92043	.21967	- 20114	54793	.16143	06200	24.81685	97737	300.01000	
251.230 199.860	1 18.990 400.040	00428	.21560		59627	.15409	05695	4. 2040	m22n		
		RUN ND. 824/ D	24/ D GN/L	ለ። 4.9							
,	•	3	5	ž	b	ž	ಕ	OL TALF	Q.TBTA	×	
300,000	101.090	02567	.21964	.00159	53785	.15584	05920	-4.84090	.03764	300,35000	
650.730	199.650		.21422	00453	53496	.15375	96182	-4.76900	01131	300.26000	
650.650	380.560	03585	.21467	.00875	52841	.14874	05727	4.78135	04396	300.11900	

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(RTUE72) ( 03 OCT 74 )

# AEDC/VASEB (TAB7) -QLETISI-ORÐ/ET W R/H 346 SEPAR.

	REPERENCE DATA	ATA						£	PARAMETRIC DATA	DATA		
SCALE : 2690 SCALE : 1290 SCALE : 2690	2690.0000 58.FT. 1290.3000 INCHES 1290.3000 INCHES		= 1097.0000 IN. XT = .0000 IN. YT = 459.0000 IN. ZT	.0000 IN. XT .0000 IN. YT .0000 IN. ZT			MACH ALPHA CALPHA X	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4.529 509 .200 .000	PTOTL BETA CBETA	н и и	60.499 15.799 -4.909
		RUN NO.	627/ 0 RP	RN/1 = 4.01								
>	~	ð	5	3	Շ	Ē	ਵੱ	OLTALF	CL TB TA	<b>*</b>	×	
\$6.435	-100.440	72694	62802.	09000	54997	.14783	06943	.21109	7	50	.09096	
102.845	-1.43	93788	.21350	91010	54337	.15018	97650	26366		6	30118	
101.025	79.767	02873	.21433	.00432	-, 54231	15135	W7-00-	. S.		E	1680	
109.710	199.980	06320	.21712	16000	55960	15839	06217	216.76		· •	5	
101.00	600.00	03051	.21481	16900	54591	.15519	05680	.23991		. C	.05803	
			826/ D RN	RN/L = 4.91								
<b>&gt;</b>	~	5	3	ð	ځ	Ē	ළ්	CL TALF	CL TBTA	<u>.</u>	×	
200.000	-100.199	03472	.29625	.00594	52659	.14134	06124	CZ602.	-4,00940		.95736	
201:160	-1.272	04111	.21467	.91274	53336	.14795	06904	.27362	-4.93419		16642	
200.200	<b>3</b> .755	03035	.21731	.00598	53666	.15141	(16202	.22632	24.91179		94817	
199.719	200.770	91850	.21883	.90121	54315	.15570	00290	.16772	-3.99145	•		
194.64D	400.130	03139	.21490	.03660	54020	.15531	05692	.19241	-3.97270	·	.12293	
	-	PUN NO.	8257 D RNLL	L = 4.51								
<b>-</b>	~	3	3	3	გ	Š	ĕ	CLTALF	C TB TA	~	_	
401.040	-4.943	04365	.21391	.91416	54119	.15451	05812	.21629	-4.02490		14439	
341.950	377	04436	.21592	.01525	54477	15656	95822	.23247	-3.94095		37.575	
490.649	2.567	93547	.21675	.93912	54381	.15863	05822	72887	-3.9863G		16238	
490.279	500.500	01992	.21618	00230	54268	.15798	06550	.21648	-3.95729		-0415A	
499.489	490,069	03260	.21434	. (Ti644	53355	.15233	05756	.22096	-3.98959		30616	

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(RTLETS) ( 03 OCT 74 )

## AEDC /VASEB([AB7) -OLETISI-ORB/ET W R/M SAB SEPAR.

AEDC/VANDER (TAB7) -CIETISI-CHB/ET W R/M SHB SEPAR.

(NTU274) ( 03 OCT 74 )

0.0000 80. FT.		RETERENCE DATA	47.						PAR	PARAMETRIC DATA	<b>.</b>
CA		.3000 30.FT3000 INCHES .3000 INCHES		1 0000 . 1001 1 0000 . 1 1 450 . 0000 1	N. YT Z. YT			H CAL	8 "" "	4.529 FIOT. -,599 BETA 5.299 BBETA 300,000	OTL = 60.499 A = 15.799 (1A = -4.599
- 101.02004113211250128755121151950560054613012875461315125056005461301384214320106954613151250560054613013840138454913151755056330136401364549135491315175505633013640136454913154790563301346013465491315479056330563301346013460134601346013470134601347013470134854023540290563201692											
-2.651 -0.5524 -0.04113 -0.1224 -0.0267 -0.55121 -0.05660 -0.06076 -0.05651 -0.05660	•	1.	3	3	Ç	Շ	ŧ	ĕ	OLTALF	CL TB TA	×
-2.65103524 .21432 .0076954659 .1532006070 .99.92101966 .21972 .0027454913 .1575306233 .99.92101966 .21947 .2142701256 .15469 .15469 .15469 .1547906032 .99.92003066 .21464 .0053355469 .1510305032 .99.002204356 .21464 .0053354029 .1510305032 .99.00204356 .215670024954029 .1534105602 .99.97301692 .2156702419024190241902419024190241905701 .99.002 .1549005505 .99.97903479 .21465 .00771653713 .1536305524 .055724 .00771653713 .1536305526 .99.97903409 .21316 .0121554096 .1549005506 .99.999 .00349 .21316 .0121554196 .1549605524 .95539 .99.99903549 .21316 .0121553719 .1354605539 .99.99903549 .21316 .0121553719 .13546056013 .99.99903549 .213490354905539 .99.99903549 .21349035490354905539 .99.99903549 .213490354905539 .99.999035490354905539 .99.999035490354905539 .99.99903549	100.679		04113	.21125	.91287	55121	.15195	05860	5.26870	-4.00973	300.35000
99.92101966 .21972 .0020454913 .1575506233 199.84001947 .214270025554169 .1147006032650326703467036670386	108.400	-2.631	03524	.21432	69010	54859	02851.	06976	5.30720	-4.09039	390.61970
### ### ### ### #### #################	199.019	28.86	01866	.21972	10000	54913	.15755	06233	5.21479	-4.01359	300.34000
### ### ### ### #### #### ############	109.620	199.665	0194Y	.21427	00256	54169	.15479	96932	5.20960	-4,00769	395,12500
#UN NO. 832/ 0 RN/L = 4.01  Z CN CA CLN CY CYN CBL -1950.22004334 .21517 .0143654023 .153410582547503476 .21514 .0748454034 .1549405905 99.07301692 .217560701053713 .1536305975 199.28002436 .213670701053713 .1336305927 199.28003573 .21465 .0077653723 .1499305724 2 CN CA CLN CY CYN CBL -1950.00004064 .21316 .0121554196 .1567605636 99.59902546 .2136 .0727753716 .1557405572 199.79003409 .21346 .0727753716 .1544605638 199.79003409 .21346 .072753716 .1544605638	102.319	400.429	03006	.21464	.00533	53165	.15103	05711	5.19545	-4,56569	390,13920
2 CN CA CLN CY CY CW CBL -190.22004334 .21317 .0143654023 .153410562547503476 .21514 .0748454023 .153410562547503476 .21564 .0748454034 .1549405905 199.24002436 .21560271053713 .1536305975 199.260035373 .21465 .0271653723 .1499305724 2 CN CA CLN CY CYN CBL -190.00004064 .21316 .0121554196 .1567605634 199.29002544 .21316 .0121554196 .1567605634 199.29002544 .2136 .0027753718 .154605634 199.29002544 .21395 .0032753718 .154605634 199.79003407 .213400372753718 .1544605634					**						
-100.22004336 .21517 .0143654023 .153410582547503472 .21514 .0046454034 .1549405505 .21514 .0046454034 .1549405505 .21514 .0046454034 .1549405505 .21545 .00271653713 .1549005595 .21545 .00271653713 .1549005597 .21567 .00271653723 .14993055724 .215467 .00271653723 .14993055724 .21540 .00271653724 .1546605672 .21465 .002716 .53718 .15496055724 .2154005404053718 .1544605676 .21463 .2154005404053718 .15446056013 .2154005240 .15446056013 .2154005240 .21540055724 .2154005404053718 .1499705724 .2154005404053718 .1499705724 .2154005504	•	~	3	2	ğ	Շ	ξ	é	OLTALF.	Q 787 A	×
47503476 .21614 .0746454034 .1549405905  99-27301692 .217560724953555 .1545006154  199-26002436 .213670771053713 .1338305927  899-260034373 .21465  RUN NO. #317 g RN/L = 4.01  2 CN CA CLN CY CYN CBL C. C. C. C. C. C. C. C. C. C. C. C. C.	230.230	-100.220	04336	.21517	.01436	54023	.15341	05825	5.22130	-3.99930	300,10000
99.37301692 .217560224953535 .1545005154 199.20102236 .213670201053713 .11350305927 199.20003373 .214650201053723 .1499305524 199.20003373 .214650271653723 .1499305524 199.20004064 .21316 .0121554196 .1567605576 199.59902549 .21463 .0592753716 .154605634 199.59902549 .21463 .2146305072753716 .11499705539 199.7900340970572405724 .1075720340903409705724 .10757205724 .1075720347405724 .1075720372405724 .1075720372405724 .1075720372405724 .1075720372403	250.490	475	03478	.21614	. ONE084	54934	15494	05905	5.26670	-3.99870	300,18000
199.26702436 .213670701053713 .1536305927 .21465 .0071653723 .1499305724 .21465 .0071653723 .1499305724 .21465 .0071653723 .1499305724 .21467 .2431 .2431 .24316 .0121554196 .1567605676 .2431 .25344 .21316 .0121554196 .1550405676 .2431 .25344 .2134007774 .23778 .1550405638 .21463 .2134053778 .153714 .1499705638 .21463 .2134053778 .15374 .1697705638 .21463 .2134053778 .15374 .1499705638 .21463 .21463 .21463 .21463 .21464 .21	220 . MO	\$4.573	01692	.21756	(70249	53935	.15450	76154	5.23270	-3.99855	300.30000
399.28003373 .21465 .0071853723 .1499305724 .2  RUN NO. 831/ 0 RN/L = 4.01  2 CN CA CLM CY CYN CBL -100.00004064 .21316 .0121554196 .1587605676 .2451052455196 .1587605676 .2451052453718 .1536405638 .24650572753714 .1499705638 .2466 .0072753714 .1499705724 .4467455724 .2467405724057	199.260	199.619	92438	.21367	95019	53713	.15363	65927	5.19575	-3.95210	390,15900
#UN NO. 831/ G RN/L = 4.01  2 CN CA CLM CY CYN CBL -100.00004064 .21316 .0121554196 .1587605676 -445105629 .21463 .0592755716 .1359405538 99.59902344 .215400772753716 .1499705738 199.75003400 .21545 .0772753714 .1499705724	148.123		93373	.21465	91,00	53/23	.14993	65724	5.20560	-3.94275	300.05000
2 CN CA CLM CY CYN CBL -100,00004064 .21316 .0121554196 .1587605676 4451 03629 254196 .1550405636 6459905244 254146 53574 5550405638 6459905540 65574 555014 65576 66013 6466 66013 6466 66013 6466 64674 .					**						
-100.00004064 .21316 .0121554196 .1587605676	٠	~	3	5	7	გ	Ē	ਵੱ	CLTALF	ದ್ದಿ TBTA	×
45103629 .21463 .0592753718 .1550405638 99.59902344 .21540020353578 .1544606013 199.75003400 .213950372753014 .1499703750 444	390.050	-100,000	-,04064	.21316	.91215	54196	.15076	95676	5.21749	-3.97230	299,97000
99.59902344 .215400204053578 .1544606013 199.75003400 .21395 .0072733014 .1499703750 344 47003400 24464 .004740347404724	399.019	451	6.98629	.21463	15656.	53718	.15594	05638	5.23570	-3.94755	399.16990
05750 16941. 51005 15700. 21395. 00560 057441. 15750 05460 054641. 15860 15860 054641.	695.178	\$5.599	02344	.21549	90040	53578	.15446	06013	5.24319	-3.96860	390.16900
LCTPD - ATRAC CERCE TAKE ABOUT ATRACT - OF MANY	477.419	199.750	93499	.21395	12100.	53914	.14997	95759	5.22980	-3.57479	350.16990
PARTY PROPERTY PROPERTY PARTY	67.72D	399.079	-,93574	.21466	CORT.	\$2032	.14874	55724	5.21770	07414.77	357.24000

### AELC/VASEB (1A87) -OAET1S1-ORB/ET W - /M SRB SEPAR.

# (ATURTS) ( 03 OCT 74 )

	REFERENCE DATA	1						1	PARAMETRIC DATA		
1002 : 2000. 1007 : 1000. 1007 : 1000.	2640,0000 54.FT. 1290,3000 IKHES 1290,3000 IKHES -0100		1097,0000 IN. XT .0000 IN. YT 450,0000 IN. ZT	***			MON ALPHA CALPHA X	. 4 \$	4.559 PTON. 599 BETA 5.299 CBETA 009	# # # ₽ _ <b>₹</b>	65.400 15.700 -4.000
		PUR 10.	834/ D RML	# 4.90							
7 100.140 1100.140 120.140 110.140	2 090,001- 097,101 097,101 097,001	- 04645 - 03564 - 03395 - 03395 - 0337	CA .20029 .21405 .21446 .21656	CLM .01523 .01007 .02620 .0264	CY 55189 52706 53478 54053	.14109 .14080 .14875 .15384	CBL 05695 05077 05077 05128	5.21760 5.14990 5.13290 5.21570 5.22520	0,1874 -3,99985 -4,09530 -3,92510 -4,00330 -4,00480	×	20966 201826 201829 203493 206672
		GW NO.	8357 5 RWL	10.4 =							
										1	
•	•	3	5	3	Շ	ž	ಕ	コイルト		<b>*</b> '	
		06161	21167	OSCIAL!	52724	.14191	05631	5.19140		•	.05166
040.043	niceral.			71210	52786	14512	05920	\$.25000		~	56642
21.013	7	37860	10213:	70007	51299	14966	06919	5.21180		-:	.36546
25.12		16666			4477	1 526.	76141	5.22220			7851
638.861 148.865	250.173 250.173		.21487	.02840	53 703	15393	05694	5.24370	-3.96679	7	7185
		RCN NO.	836/ S MAL	16.5							
		,	į	;	?	Ę	ŧ	CLTALF	1,1814	×	
>		3	5		7	3	0500	5.22160	7	•:	.02764
400.340	-107.040	2000	21419	16310	77.7		95750	5.19900		•	10076
69. 1G		04209	20012				18787	5.21789		``	96049
400.745	199.149	03490	.21654		2416		1,6107	S 21580		-	20463
400.400		01794	.21564	- 3399	2,655	95061.	44480 -	20110	•	•	121197
401.030	398.739	T3360	.21449	.00718	-00:00	.1 7.15					

DRIGINAL PAGE IN

## AEDC/VASE& (IA87): -OIETISI--ORB/ET W R/M SRB SEPAR.

(RTU276) ( 03 OCT 74 )

PARAMETRIC DATA

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MACM = 4.320 ALPHA =300 DALPHA = -4.600 X = .000
# 1097.0000 IN. XT # .0000 IN. YT # 450.0000 IN. ZT
XMAR YMAR ZYARP
SMEF = 2690.0000 90.FT. LMEF = 1290.3000 INCHES BMEF = 1290.3000 INCHES SCALE = .0100
SCALE SARFF LAREF

60.400 15.700 -4.000

FTOTL BETA CBETA

### RUN NO. 8397 II RN/L # 4.00

<b>&gt;</b>	~	3	5	Ę	Շ	Š	<u>ə</u>	DLTALF	CL TB TA	×
191.719	99.526	01995	.21528	00283	55260	.15598	96633	-4.78490	-4.04280	.01949
076.80	200,000	01487	.21688	-,00502	56766	.16621	96586	-4.78450	06600.4-	.24480
015.101	400.039	02513	.21431	.00344	54827	.15865	95711	-4.76560	-4.04990	.15371
		REN NO.	3387 D RN/L	Λ = 4.91						
<b>&gt;</b>	~	3	5	Ę	ò	ž	ខ	CLTALF	CLTBTA	×
078.00	199,979	03059	.21876	.00627	54149	.15348	06360	-4.80160	-4.90960	.09461
99.830	199.465	51842	.21932	50243	54929	.15871	06465	-4.74915	-5.47250	.12495
029.00	399.850	02783	.21429	.00430	54495	.15764	95719	-4.77379	-4.c043n	0.08970
		RUN NO.	137/ G RN	RN/L = 4.91						
>	2	3	3	Ç.	ઠ	Š	ළ	CLTALF	CLTBTA	×
99.820	99.739	03651	.21818	.00985	55023	.16267	95951	-4.78490	-3.95550	02532
400.190	200.190	52528	.21775	06,00	54894	.16182	06111	-4.78839	-3.97340	1,56747
99.620	400.055	03167	.21445	89500	53737	15473	66602	TO977 A-	7 00170	1000

# AEDC/VAS28 (1A87) -O1ET1S1-ORB/ET W R/H SRB SEFAR.

(RTU277) (53 OCT 74 )

	69.400	15.700	-4.000	
	11	10	**	
DATA	FTOT	BETA	CBETA	
PARAMETRIC DATA	4.520	500		300,000
	**	н	11	**
	MACH	ALFHA	CALFHA	×

### REFERENCE DATA

×	IN. YT	12	
ž	ž	IN. 27	
: 1097.0000 IN. XT	0000	450.0000	
**	**	88	
	7.14.7		
\$4.FT.	INCHES	INCHES	
0000	3000	.3000	9100
2690.	1290	1290	
= 2690.0000 SQ.FT.	LREF = 1290.	1290	KALE =

### RUN NO. 845/ 0 RN/L = 4.01

•	~	3	3	כר	Շ	Ç	ខ័	DLTALF	CLTBIA	×
100.749	99.908	91381	.21803	00485	56779	.16683	96726	-4.78179	-4.91570	399,19999
97.435	199.490	.99673	.21677	01890	56323	.16538	ე662ს	-4.732AID	-3.89925	C66, 895
100,619	399.820	92775	.21484	.00397	53917	.15547	05684	0504.7-	-4.95799	399,00000
		SUN NO.	841/ C ARV	RN/L = 4.09						

*	300.21500	300.39000	ยัยได <b>้ส</b> ายได้
SLTS TA	04 950. 4-	6200017-	-3.92179
D, TALS	-1.65620	-4.73919	Je077.
JE)	56401	76371	96350'-
<del>د</del> ک	.16188	.15923	.15411
Ç	55006	54695	53642
ň	99473	01228	. 59468
3	.21966	.21557	.21448
3	01692	00645	92626*-
~	100.940	199.900	397.459
•	201.930	293.920	199.169

1A87 TABULATED SOURCE DATA
Ĭ
2
DATE 20 MAY
DATE

PAGE 231

CYN CBL CLTALF DLTBTA X1573005954 -4.77810 -4.00710 299.970001549306174 -4.77660 -4.01810 309.080001489505735 -4.79550 -4.08160 309.22050	;
CY 54018 53696 52910	
CLM .09965 09491	
CA .21580 .21439	
CN 02475 01600 03601	
2 99.847 199.830 399.750	
7 400.560 400.690 401.530	

RN/L = 4.01

RUN NO. 842/ 5

(RTU278) ( (13 OCT 74 )	PARAMETRIC DATA	M.CH = 4.520 PTOTL = 60.400 M.PHA =500 BETA = 15.700 SALPHA = .200 DBETA = -8.000 X = .000
AEDC/VA\$28 (1A87) -OIET1S1-ORB/ET W R/M SRB SEFAR.	REFERENCE DATA	SREF = 2690.0000 SQ.FT. XDMRP = 1097.0000 IN. XT  LREF = 1290.3000 INCHES YMRP = .0000 IN. YT  BREF = 1290.3000 INCHES ZMRP = .450.0000 IN. ZT  SCALE = .0100

		RUN NO.	844/ D RN	RN/L = 4.01						
•	•	3	5	1	Շ	N.	ਵ	CLTALF	CLTBTA	×
	- 100 260	- 02001	27975	mag.	55491	.15852	-,06198	.22684	-8.00689	.02384
600.000	303.00	03350	21239	.07854	55734	.16166	06039	.25208	-8.97599	.117
641.103		26960	21625	2	55249	15994	96173	.20422	-8,00070	.600
199.90	000 000	100165	23.862	95000	54852	.15861	06124	.25581	-7.92979	245
200.02	399.860	03197	.21473	0.90679	53900	.15469	05684	.23119	-8,50659	.165
		NO.	843/ D RN	RN/L = 4.01						
,	•	3	đ	<b>X</b>	5	Š	ខ	OL TALF	CLTBTA	×
	196 96-	07970	21579	.01162	54098	.15393	95881	.17293	-8,53260	.149
631.154	178	TACAC.	.21553	97210.	54597	.15836	90650	.21961	-7,95559	027
100 920	707	03850	21724	\$0600.	-,54542	.15871	55845	.27864	-7,95440	- :69
23.555	199.870	01925	.21667	00265	54382	.15824	06068	.23704	-7.94980	.09649
7.00	400.040	43196	.21450	.00611	53452	.15284	05754	.21795	-7,99455	.185

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(RTU279) ( 03 OCT 74 )

**	2690.0000 Sq.FT.	XMRP	NI 0000.1901	IN. XT			HACH	#		PTOTL =	69.409
LREF = 1290 Bref = 1290 Scale =	1290.3000 INCHES 1290.3000 INCHES .0100		.0000 IN.	IN. YT IN. ZT			ALFHA DALFHA X	F	30 005. 90 005.	BETA =	15.709 -0.000
		RUN NO. 6	845/ 0 RN	RN/L : 4.00	_						
>	2	3	ð	5	გ	ž	ಕ	CLTALF	OLTB TA	×	
202.619	-100.990	01935	.21289	00458	55053	.15998	06356	.24790	-6.05190	300,46000	0
202.540	.181	03083	.21808	. 70593	55337	.16306	06119	.18529	-8.54260	300,40000	G
252.275	99.912	01746	.21782	(19344	55011	.16161	06188	.21777	-8.04550	399,39999	g.
200.790	199.910 399.880	01658	.21427	0555	54289	.15648	06094 05758	.22800	-8,00690 -8,01900	300,32000	00
		RUN NO. 8	846/ D RN	RN/L = 4.01							
>	2	3	5	ð	Շ	N.	<sub>ල්</sub>	CLTALF	CL TB TA	×	
491,549	-190.169	03985	.21422	.01156	54762	.16296	05841	23097	-8.01420	č	c
499,919	654	93632	.21466	.00923	54461	16922	05736	.26397	-7.96470		
399.580	892.66	12323	.21583	00040	53995	.15721	05966	.27292	-7.98410		
400.380	199.780	02678	.21390	.00158	53457	.15315	05911	.21357	-8.04840	299.99000	<u>_</u>
499,739	399.870	03576	.21480	.60873	52855	.14877	05727	.21375	-8.00369	390,16999	6
			AEDC/VA52	28 (IA87) -OI	AEDC/VA528 (IA87) -O1ET1S1-ORB/ET W R/H SRB SEFAR.	TWR/HSR8	SEPAR.		(RTU280)	( 53 OCT 74	7
	REFERENCE DA	DATA						FARA	PARAMETRIC DATA	1 <b>A</b>	
<b>SAEF</b> = 2699	2690.0000 Sa.FT.	XMRP	1997, mm 1N.	×			3	1	70 000 4	aror -	60
11	1290.3000 INCHES		1 0000				A FHA	' ''		, 11	15,700
BAEF = 1290 SCALE =	1.3000 INCHES .0100	<b>ZMR</b> P =	450.0000 IN.	IN. 21			CALFHA	R " "		11	-9.000
		RUN NO. 84	848/ 0 RN/L	'L = 4.99							
-	2	ક	ð	CLM	Շ	ž	ಕ	OLTALE	CLTBTA	×	
290.609	-199.259	04029	.21533	.01205	55025	.15932	55833	5.23139	-8.50200	300	
200.019	.263	03182	.21629	.00684	54935	15998	05912	5.24145	-7.99235		_
199.130	199,759	01814	.21714	95278	54216	.15634	06114	5.20340	-7.94510		
190.725	299,019	02512	.21398	99000	53828	.15398	05904	5.2: 590	-7.91730	299,78959	-
240.650	399.730	41250	.21467	9000	61019						

5/ ATR GG \$470	5					1 101	IABY TABULATED SOURCE DATA	MCE BATA				•	PAGE 1	223
	•				AEDC/VASE	1 (1 A87) -OIE	AEDC/VASEB(1A87)-OLETIBI-ONB/ET W R/H SRB SEPAR.	K R/M SAB	EPAR.		(RTUEBD)	03	( 03 OCT 74	_
	ş	AT ALL DATA	\$							PAR	PARAMETRIC DATA	₹		
	į	ENEMALE DA	<u>.</u>								PTOTO PTOTI		9	60.400
•	0000		XMEP	14	.NI 0000.7901	N. XT			<b>1</b>	<b>H</b>			-	702
	9005.064	1290.3000 INCHES	418	н	.NI 0000.				ALPHA	n 1	500 BE	_	7	-0.00
	290.300	1290.3000 INCHES	ZHERP		450.0000 IN.	¥. 21			×	<b>8</b> 				
SCALE =	.0100	0							•					
			RUN NO.		847/ 0 RN/L	L = 4.90								
					i	;	;	2	Ē	CL TALF	DLTB1A	×		
-		2	3		<b>5</b>	<b>.</b>	4480	16151	05725	5.18960	-7.97530		300.0000	
400.530		-99.577	03979	<b>.</b>	.21381	22,000	5406	15744	-,05656	5.19420	-7.95580	•	300,01000	
400.230	ያ	.197	03569	o (	.21439	6,000	53838	.15633	06023	5.28400	-7,94290		300.06000	
399.900	•	99.056	27120		31406	.00574	-,53215	.15141	05737	5.23920	-7.97795		399.32999	
490.590		99.590	03584	n 🖷	21519	57900	52951	.14904	05735	5.21880	-8.00500		300.25000	
490.	3			t										
					AEDC/VA52	18 (TAB7) -OI	AEDC/VASZ8 (IA87) -OLETISI-ORB/ET W R/M SRB SEPAR.	WRAH SAB	SEPAR.		(RTU281)	<b>6</b> 0	( 03 OCT 74	-
	Ď	R. JERENCE DATA	ATA							PAR	PARAMETRIC DATA	Y.		
														400
2 = 1385	2690.0000	30 SQ.FT.		11	1097,0000 IN.	IN. XT			A A	" " * <b>1</b>	4.520 PT 590 BE	FTOTL = BETA =		15.700
**	290.30	1290.3000 INCHES		# 1	.NI 0000.	. Y.			8	_		CBETA =		-8.000
BREF = 1 SCALE =	0010.	1290.3000 INCHES .0100			Conc. Gree				×	"	909.			
			2 8		849/ G RN	RN/L = 4.01								
		,	8		5	<b>X</b>	Շ	£	ಕ	CLTALF			•	
>		7	5	9	2117	1169A	54994	.15446	05612	5.25550	-6.01900		.41459	
201.320		-101.190	71010	2 2	21417	12600	54194	.15146	05911	5.23490	-8.09360		.63247	
Z.K. 603	3 1	25.0	75057		.21666	.03665	54035	.15311	-,06021	5.21630	-8.05700		5,000	
		707.00	02255		.21758	50100	53880	.15298	06100	5.21070	-8.50870		2222	
200.350		399.630	93148	9	.21519	.00657	53645	.15343	05695	5.23339	-7.985 <i>C</i> -		13061	
			PEN NO.		850/ D RN	RN/L = 4.01								
			1		;	;	2	Ž	é	CLTALF	DLTB TA		×	
>		2	3		5	F		445	105804	5.22420	-7.99600		12709	
490.199		-199.199	04033	8	.21445	7,110.	24666	15657	05811	5.21490	-6.07050		26119	
491.579	570	965	04001	2	.21571	12230.	54561		04740	5.19300	-8.04949		.90060	
400.890		199.469	93467	67	.21680	7887	342.16	15649	06143	5.21379			.15978	
629.667		200.019	01626	9	21594	E. 2000	53150	15094	05711	5.19880			.35557	
401.090		399.720	03389	S	.6417	Populari Total								

DATE 20 MAY 75

KHX

( 93 OCT 74 )
(RTU262)
AEDC/VAS28 (1AB7) -OLETISI-ORB/ET W RAM SRB SEPAR.

2690.0900 \$4.FT. XMRP = 1097.0 1290.3900 INCHES YMRP = 450.0 1290.3900 INCHES ZMRP = 450.0 .0100 RUN NO. 8527 D RUN NO. 8527 D 7.240 399.46001313 .210 7.240 399.46002770 .21 6.450 100.20003320 .21

	60.400 15.700 -8.000
	н н н
CATA	FTOTL BETA DBETA
PARAMETRIC DATA	4.520 FTOT500 BETA -4.800 CBETA
	H H H H
	MACH E ALPHA E CALFHA E
	XMRP = 1097.0000 IN. XT YMRP = .0000 IN. YT ZMRP = 450.0000 IN. ZT
<	Y MARIE
REFERENCE DATA	2690,0000 50.FT. 1290,3000 INCHES 1290,3000 INCHES
	H H H
	SREF LREF BREF SCALE

(RTU283) ( (IS OCT 74 )

AEDC/VAS28 (1A87) -O1E71S1-CRB/ET W R/H SRB SEPAR.

		S. O.	8537 S RN	RN/L = 4.00						
<b>&gt;</b>	2	ટ	3	Ę	Շ	ž	ĕ	CLTALF	21, <b>TB TA</b>	
202.350	109.950	00972	.21867	05931	56029	.16793	-,06483	-4.83410	-8,73619	309,51000
254.089	201,090	00659	.21521	11211	55256	.16270	06358	-4.79580	-8,58940	
201.360	499.429	52955	.21458	.00454	53625	.15404	05695	-4.89759	-8.03580	• •
		RUN NO. 8	8547 0 RN	RN/L = 4.01						
<b>&gt;</b>	2	3	₹	Ę	Շ	Š	e e	CLTALF	CLTBTA	
499.419	99.958	92391	.21577	-,90057	54328	.15926	95977	-4.77650	-8.00800	
399.960	199.250	01659	.21449	60900*-	53921	.15647	06185	-4.74590	-7,99089	299.94550
491.150	399.850	03575	.21441	.00876	52794	.14854	05720	-4.78729	-8.51289	

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(RTUE64) ( 03 OCT 74 )

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AEDC/VASZB(IAB/) - CIE 1331-CMB/E! W L/H SNB SCFAN:		
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D. SOOD 1 NCHES 1997, DODGO 1 N. XT ALPHA DALPHA DALPHA DALPHA DALPHA 19, SOOD 1 NCHES 2 VMF 2 (DDGO 1 N. ZT AL) SOOD 1 NCHES 2 VMF 3 (DDGO 1 N. ZT AL) SOOD 1 NCHES 2 VMF 3 (DDGO 1 N. ZT AL) SOOD 1 NCHES 2 VMF 3 (DDGO 1 N. ZT AL) SOOD 1 NCHES 2 VMF 3 (DGGO 1 N. ZT AL) SOOD 1 NCHES 2 VMF 3 (DGGO 1 N. ZT AL) SOOD 1 NCHES 3 (DGGO 1 N. ZT AL) SOOD 1 NCHES 3 (DGGO 1 N. ZT AL) SOOD 1 NCHES 3 (DGGO 1 N. ZT AL) SOOD 1 NCHES 3 (DGGO 1 N. ZT AL) SOOD 3	•	REFERENCE DATA	_									
#UN NO. 636/ G RN/L = 4.00  Z CN CA CLM CY CYN CBL -100.09002712 .21467 .0026351902 .142490549621602604 .21459 .0032451653 .1425905552 99.60102278 .21359 .0036752067 .1440305552 199.25003278 .21359 .0036752067 .1440305552 399.90903278 .21496 .0067952090 .1468705552 -99.49401359 .21496 .0067952090 .1468705572 -22 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 2 CN CA CLM CY CYN CBL 3 CN CA CLM CY CYN CBL 4 CN CA CLM CY CYN CBL 3 CN CA CLM CY CYN CBL 4 CN CA CLM CY CYN CBL 5 CN CA CLM CY CYN CBL 6 CN CA CLM CY CYN CBL 6 CN CA CLM CY CYN CBL 6 CN CA CLM CY CYN CBL 7 CN CM CBL 7 CN CM CBL		000 94.FT. 000 INCHES 000 INCHES 1100	YARP YARP H H R	1097,000 11 1000, 1450,000 1	: : : : : :			MACH ALPHA DALPH	77 M M M	4.520 PTOT. 500 BETA .200 DBETA	<b>5</b> 4 ₹	60.400 15.700
2 CN CA CLM CY CYN CBL -100.09002712 .21467 .0026351902 .142490549621602214 .21399 .0032451902 .1424905552 99.60102278 .21353 .0038752067 .1440305592 199.25003278 .21353 .0063752067 .1440305592 399.90903584 .21496 .0038752090 .1488705688 399.90903584 .21496 .0046752090 .148870568821603278 .21496 .0046752090 .148870568821602379 .21497 .0016052009 .137290552221602399 .21421 .0012050079 .137290552421602399 .21421 .0012050079 .1372905524					**							
-100,09002712 .21467 .0026351932 .142490549621602804 .21439 .0032451853 .1425905552 99,60102804 .21439 .0038752067 .1440305592 199,20103276 .21353 .0063752067 .1440305592 199,20103276 .21496 .003875203 .1488705568 399,90103284 .21496 .0038752090 .1488705592055920359203592035920359203592035920359203592035920359203592055920	•	~	3	5	Š	Շ	Š	<b>ද</b>	CLTALF	CLTB TA	×	
21602804 .21439 .0032451853 .1425905552 99.60102931 .21359 .0038752067 .1440305592 199.25003278 .21353 .0063752067 .1440305568 399.90003278 .21496 .0063752057 .1488705568 299.90003584 .21496 .0063752090 .148870556805592 0.037320358401759 .213940026750209 .148870573205732 0.		-100.090	92712	.21467	.00263	51902	.14249	05496	.21991	.00063	Š.	.32948
99-60102931 .21399 .0038752067 .1440305592 199.25003278 .21353 .0063752303 .1457705668 399.90003584 .21496 .0063752303 .1488705688 399.90003584 .21496 .0067952303 .14887055680556801759 .213840076750209 .138800532221801759 .213840076750209 .138800532221802463 .21421 .0012050079 .1377905514 400.80003504 .21374 .0082652532 .1477505514 400.80003504 .21374 .0082652532 .1477505514 .05721 .216370761148919 .1348305154 .05524 .21507 .0034448956 .1379305514 .05519 .21487 .214750761148919 .1348305514 .05514 .21507 .21507 .0034448956 .1379305519 .05519 .21507 .21507 .0034748956 .1379305519		216	52804	.21439	.00324	51853	.14259	05552	.23634	90323	E.	<b>644</b>
2 CN CA CLM CY CYN CBL -99.4940173952333 .145770568 399.90003284 .21496 .0087952890 .1488705732 2 CN CA CLM CY CYN CBL -99.49401739 .215840026750205 .1348005322218021739 .21497 .00116050107 .1373005322 200.1800239 .21421 .0012050203 .13725 .05534 400.80003504 .21374 .0012050322 .1477505514 400.80003504 .21374 .0082652532 .1477505721 2 CN CA CLM CY CYN CBL -99.23901523 .21472 .0063148919 .1348305721 99.89102973 .21472 .0034448956 .1379305514 199.93502964 .21397 .0036748977 .1386005519		109 00	12044	21100	TAECO.	52067	.14403	05592	.24415	01722	ន់	318
2 CN CLM CY CYN CBL -99.4940175952890 .1488705732  2 CN CA CLM CY CYN CBL -99.49401759 .215940026750205 .134800532221802139 .215940026750205 .1378005322 200.18002350 .21497 .00116050109 .13785 .05524 200.18002390 .21421 .0012050109 .13785 .05524 200.18002594 .21374 .0012050823 .1471505721  2 CN CA CLM CY CYN CBL -99.23901523 .216370761148919 .1348305154 -99.23901523 .216370761148919 .1348305154 -99.83901523 .21472 .0034448956 .1379305510		100.00	106301 -	5115	.nn637	52303	14577	05668	.23721	.04074	ý	.34687
TUN NO. 857/ 0 RN/L = 4.00  Z CN CA CLM CY CYN CBL -99.49401759 .215840026750205 .134600532221602330 .21497 .0011650100 .1373005322 200.18002399 .21421 .0012050079 .13725 .05532 200.18002399 .21421 .0012050079 .13725 .05534 400.80003504 .21374 .0082652532 .1477505514 2 CN CA CLM CY CYN CBL -99.23901523 .216370761148919 .1348305154 -96.2301523 .21672 .0034448956 .1379305519 199.93002944 .21391 .0036748956 .1379305510	296.640	399.900	03584	21496	97900	52890	.14887	95732	.21851	90765	.42	248
Z CN CA CLM CT CT CT CT CT CT CT CT CT CT CT CT CT					T = 4.00	į	į	ŧ		g Z	>	
-99.49401759 .215640026750205 .134600532221602350 .21497 .1011650100 .137300532202463 .21497 .10011650100 .1373005300 .05522 .201434 .00116050100 .1373005300 .05530 .21421 .0012050623 .13752 .05530 .05530 .21421 .0012050623 .13775 .055314 .200.60003504 .21374 .0062652532 .1471505721 .21374 .0062652532 .1471505721 .21374 .0062652532 .1471505721 .21374 .2001000120 .1346305721 .21372 .00574 .1366005521 .21472 .0034446956 .1379305510 .05510 .21472 .00347 .1369505510 .05510	-	~	3	5	5	ל	ב כ	ģ				
21802330 .21497 .0011650100 .1373005500 99.52702463 .21434 .0016050079 .13725 .05532 200.16002399 .21421 .0012050023 .13725 .05532 400.60003504 .21374 .0062652532 .1471505721  Z CN CA CLM CY CYN CBL -99.23901523 .216370761148919 .1346305154 36420253 .21472 .0034448956 .1379305574 199.93502964 .21390 .0036748956 .1379305510	199.490	-99.494	01759	.21584	00267	50205	.13480	05322	.2025	.04480	ë.	.08568
99.52702463 .21434 .0016050079 .13725 .05532 200.18002399 .21421 .0012050823 .1387405514 400.80003504 .21374 .0082652532 .1471505721  RUN NO. 8387 0 RN/L = 4.01  Z CN CA CLM CY CYN CBL -99.23901523 .216370761148919 .1348305154 34202616 .21500 .0703448956 .1379305574 199.93502964 .21391 .0036748956 .1379305510	002.791	218	02339	.21497	91100	50100	.13730	05500	.19566	05450	.19	.19172
200.18002399 .21421 .0012050623 .1367405514 400.80003504 .21374 .0082652532 .147.505721 400.80003504 .21374 .0082652532 .147.505721 2 CN CA CLM CY CYN CBL -99.23901523 .216370761148919 .1348305154 -8420261 .21500 .0719348977 .1386005514 99.80102973 .21472 .0034448956 .1379305574 199.93002964 .21391 .0036749542 .1397505510	196.790	99.527	02463	.21434	.00160	50079	.13725	.95532	.20632	01343	Ž.	.24826
400.80903504 .21374 .0082652532 .147;505721 400.805 .0082 0 RN/L = 4.01 Z CN CA CLM CY CYN CBL -99.23901523 .216370761148919 .1348305154 -84202816 .21500 .0719348977 .1386005510 99.88102964 .21390 .0036748956 .1379305510	012 000	200.183	92399	.21421	.00120	59823	.15874	05514	18024	.03120	ģ	468
RUN NO. 858/ 1) RN/L = 4.01  Z CN CA CLM CY CYN CBL -99.23901523 .216370761148919 .1348305154  34202816 .21500 .17019348977 .1386005521  99.88102973 .21472 .0734448956 .1379305574  199.93502964 .21391 .0736749542 .1397505510	197.010	400.800	-,03594	.21374	.00826	52532	.147:5	05721	.18808	09293	ĸ.	.39556
2 CN CA CLM CY CYN CBL -99.23901523 .216370761146919 .1346305154 .64202616 .21500 .07019346977 .1386005521 99.80102973 .21472 .0034448956 .1379305574 199.93002964 .21391 .0036749542 .1397505510			SW NO.									
-99.23901523 .216370161148919 .1348305154 .84202616 .21500 .0019348977 .1386005521 99.88102973 .21472 .0034448956 .1379305574 199.93002964 .21390 .0036749542 .1397505510	•	•	3	5	3	Շ	Š	ਰੱ	CLTALF	OLTB1A	×	
. 642	000		01523	.21637	95611	48919	.13483	05154	.19796	.97527	ě.	50915
99.80102964 .21397 .0034448956 .1379305574 199.93002964 .21397 .0036749542 .1397505510	200.00		02016	21500	50105	- 48977	13860	95521	17997	01327	Ķ	06992
199,93002964 .21390 .0036749542 .1397505510	-36.633	76.	02021	21172	77.00	48956	13793	05574	.19642	.00566	1.	.16231
	20.130	100.00	1900U	100.10	79670	49542	27621.	05510	.20180	01512	35.	38396
ASSA - FOLDS - OFFICE THE STATE OF THE STATE	26.196	55.55	#063C*	427.0	01800	aroty -	10171	105664	17662	.n2847	E.	31139

(RTU265) ( 93 OCT 74 ) PARAMETRIC DATA AEDC/VAS28 (IAST) -OIETISI-ORB/ET W L/H SRB SEPAR.

ES YMEP = 1097.0000 IN. XT  ES YMEP =0000 IN. XT  ENUN NO. 661/ 0 RN/L = 4.007  CN  CN  CN  CN  CN  CN  CN  CN  CN  C		REFERENCE DATA	TA.						PARA	PARAMETRIC DATA	⋖
RUN NO. 861/ D RN/L = 4.09  2 CN CA CLM CY CYN CGL 5/139352123 .1440205539 .22078 13203010 .21392 .0933552123 .1440205539 .22078 13203124 .21379 .0945552243 .14437405628 .23136  199,39403124 .2137 .09627 .974252411 .1465105628 .23136  401,32003411 .21365 .0974252447 .1465105626 .21198  401,32003411 .21365 .0974252447 .14672055724 .16521  RUN NO. 860/ D RN/L = 4.01  RUN NO. 860/ D RN/L = 4.01  RUN NO. 859/ D RN/L = 4.01  RUN NO. 859/ D RN/L = 4.01  2 CN CA CLM CY CYN CBL CLALF .19308 .19308 .19308  199,39302319 .0057951526 .1435905547 .26305 .19308  2 CN CA CLM CY CYN CBL CLALF .19304 .16564 .15649 .10503 .19308  2 CN CA CLM CY CYN CBL CLALF .19304 .16564 .15695 .16511 .16972 .16564 .15649 .15511 .16972 .16564 .15649 .16564 .15664 .15664 .15664 .15664 .15654 .16564 .15664 .16564 .16665 .16667 .16668 .16667 .16668 .16667 .16668 .16667 .16667 .16668 .16667 .16667 .16667 .16667 .16667 .16667 .16667 .16667 .16667 .16667 .16667 .16667 .16667 .16667 .	н н н н	0000 SQ.FT. 3000 INCHES 3000 INCHES 0100	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 0000 1 0000 1 1 0 0000 1 0 0 0000 1 1 0 0000 1 0 0000 1 0 0 0000 1 0 0 0000 1 0 0 0000 1 0	7			MAO ALP X	F	.520 PTOTL .500 BETA .200 DBETA	7L = 69.400 A = 15.700 TA = .000
2 CN CA CLM CY CYN CBL DITALF -105.15907825 .21439 .0033552123 .1447205593 .213931320310 .21392 .0045552196 .1447905593 .21393 -99.37403124 .21377 .0054352243 .1453405528 .23136 199.79003411 .21365 .0774252411 .1465105626 .21198 491.32903411 .21365 .0774252411 .1465105696 .21198 491.32903411 .21365 .0774252411 .1465105696 .21198 491.32903411 .21365 .0774252411 .1465105596 .21198 199.79003411 .21369 .0707152847 .1467205527 .20305 199.43402539 .21424 .0718651526 .1431905537 .20305 199.93002539 .21424 .0718651526 .1471805537 .20305 470.45002539 .21424 .0718651526 .1471805537 .18972 470.45002539 .21424 .0718451672 .1436405547 .18972 470.45002636 .21424 .0712150946 .1388505334 .21651 -1.70902636 .21451 .0733790427 .1404505547 .25285 99.37102636 .21451 .0733750672 .1412205547 .25285 199.59102727 .21428 .0737251444 .1422605547 .25285 199.596072727 .21428 .0737251444 .1422605547 .25285											
-190.15002825 .21439 .0033552123 .1440205519 .2207813203124 .21392 .0045552196 .1447905593 .21393 .213931324 .21377 .0054552243 .1447905628 .22335 199.37903124 .21347 .0074252243 .1465105628 .22335 .21348 .00774252243 .1465105628 .22335 .213480687252247 .1467205524 .16521165311655105524 .165524 .16552416552416524657246724967240672496727267249672726724967272672496727267249672726724967272672	>	~	3	5	Ð	Շ	ع ک	é	SI TALF	D. TB TA	
13203010 .21392 .0045552198 .1447905593 .21393 .99.37403124 .21377 .0054352243 .1453405628 .23136 .99.37403124 .21377 .0054252243 .1455105628 .23136 .21398 .1392.79003411 .21365 .00742522411 .1465105628 .23136 .21198 .21369 .21488 .00672522447 .14672055724 .16521 .16521 .2034303214 .0067252847 .1467205724 .16521 .21399 .0000151603 .1406305724 .21359 .0000151603 .1406305457 .20305 .21359 .00239 .0057951932 .1436405547 .21359 .0067251932 .1436405549 .21352 .0062752508 .1471805717 .18972 .18972 .21359 .0062752508 .1471805717 .18972 .21359 .0062752508 .1471805717 .18972 .21551053495 .21359 .0062752508 .1471805717 .16972 .2165105648 .1388505717 .21651 -1.709 .00638 .21451 .0033750447 .1404505734 .21651 -1.709 .21428 .0033750447 .1424505534 .21651 .21651 .1471805577 .16972 .21651 .1471805774 .14245 .1424505774 .1424505774 .14245 .1424505774 .14245	-296.919	-199,159	02825	.21439	.99335	52123	.14402	05519	.22078	02716	
99-37403124 .21377 .0054352243 .1453405528 .23136 .99.37403124 .21377 .0074252411 .1465105568 .21198 .21198 .0074252411 .1465105566 .21198 .21198 .0074252411 .1465105566 .21198 .21198 .0074252411 .1465105566 .21198 .21148 .0074252411 .1465105566 .21198 .21148 .0074252411 .1465105574 .16521 .16521 .16521 .21484 .00767151603 .1406305457 .20305 .21424 .0076651526 .1413905537 .20305 .19308 .199.93002539 .21424 .0076651526 .1413905537 .20521 .19308 .21359 .0057951952 .1456405517 .18972 .105649 .21359 .0057952508 .1471805717 .18972 .10542 .05439 .0057952508 .1471805717 .18972 .21551 .21428 .0073750946 .1388505734 .21651 .11.00 .00537 .21428 .0073750946 .1388505334 .21651 .21631 .10522 .195648 .25565 .21428 .00737251478 .1404505534 .25585 .21553 .21428 .00737251474 .1424505547 .25595 .21559 .21428 .00737251474 .1422605547 .25595	-297.350	132	93910	.21392	.00455	52198	.14479	05593	. 21393	-,06926	390.31999
199.79003411 .21365 .0074252411 .1465105696 .21198 401.32003559 .21488 .0087252847 .1487205724 .16521  EUN ND. 86D/ 0 RN/L = 4.01  Z	-298 400	90.374	03124	77812	.00543	52243	.14534	05628	.23136	03478	300.24000
### ### ### ### #### #################	100	199 790	- 03411	.21365	5,7742	52411	.14651	05696	.21198	.05820	300.40000
### CA CLM CY CYN CBL CLTALF  -99.43402577 .21549 .0003151603 .1406305457 .20305  -76902539 .21424 .0018651526 .1413905537 .20521  190.71002911 .21404 .0018651526 .1413905537 .20521  190.71002911 .21404 .0018651526 .1456405537 .20521  190.93003110 .21399 .0057951932 .1456405568 .21352  400.45003495 .21359 .0062752508 .1471805717 .18972  ###################################	-301.780	491.329	-,03559	.21488	57900.	52847	.14872	65724	.16521	.07549	350.39000
Z CN CA CLM CA CLM CA CLM CA CLM CA CLM CA CLM CA CLM CA CLM CA CACAGA CACACA CACAGA CACACA CACAGA CACACA CACAGA CACACA CACACA CACACA CACACA CACACA CACACA CACACA CACACA CACACA CACACA CACACA CACACA CACACA C						8	Š	ā	ا خ د	5 7	×
-99.43402277 .21349 .702671116131620165372020 76902539 .21424 100.410 10	•	· ·	3	4	F 70000		14063	05457	\$0100	03138	300.39000
76902539 .21424 .0034451520 .14230 .193000 .1930	-199.930	-99.434	11226	.61349	11222	2016.	6217	115537	1000	17971	390.29999
100.110 -102901 -21359 -05144 -101912 -14250 -15504 -10564 -10564 -10564 -10564 -10564 -10564 -10564 -10564 -10564 -10564 -10564 -105717 -16972 -15250 -14718 -105717 -16972 -15250 -14718 -105717 -16972 -105.250 -106525 -105717 -16972 -105.250 -105717 -16972 -105.250 -105717 -16972 -105.250 -105717 -16972 -105.250 -105717 -16972 -105.250 -105717 -16972 -105.250 -105717 -16972 -105.250 -105717 -16972 -106718 -106717 -1067	-199.115	.769	02539	.21424	001100	2136	14220	0.6650	BUK 61	42695	399.26999
199-93003110 .21359 .0082735508 .1471805717 .18972 .003.45003495 .1371931932 .1471805717 .18972 .003.45003495 .0082752508 .1471805717 .18972 .003.45003.25003.217 .18972 .003.25003.25003.217 .18972 .003.25003.2185193.218	-197.679	199.715	11.62.	.618:14	- C.P	31010.	7751.	0.000	21.152	00436	ACC A COOL
400.45003495 .21359 .0682752508 .1471865717 .18972  RUN NO. 8597 9 RN/L = 4.01  2 CN CA CLM CY CYN CBL CLTALF -100.25901695 .215530732150946 .1388505334 .21651 -1.70902636 .21451 .0733750647 .1404505574 .25285 96.37102603 .21423 .0744550672 .1412205647 .24245	-196.870	199.930		.21399	.05579	51952	14364	00000	30013	10000	200 0000
RUN NO. 8597 9 RW/L = 4.01  Z CN CA CLM CY CYN CBL DLTALF -100,25901695 .215530322150946 .1388505334 .21651 -1,70902636 .21451 .0333750647 .1404505574 .25285 96,3710263 .21423 .1744550672 .1412205649 .25195	-200.489	400.455	03495	.21359	.06827	-,52508	.14718	05717	.18972	558855.	3747.002.0
Z CN CA CLM CY CYN CBL DLTALF -195.25901695 .2155310132150946 .1388505334 .21651 -1,70902636 .21451 .0033750647 .1404505574 .25285 96.37102603 .21423 .0034550672 .1412205647 .24245 190.66002727 .21428 .0037251474 .1422605518 .22195					**						
-105,25901695 .215530322150946 .1388505334 .21651170902636 .21451 .0333750647 .1404505574 .2528521421033750672 .1412205647 .24245 96.37102603 .21423 .0344550672 .141220564825195214280337251474 .142260551825195	•		3	5	T.	Շ	Š	ദ്ര	CLTALF	CL TB TA	
-1.70002636 .21451 .0033750647 .1404505574 .252852663 .21423 .0044550672 .1412205647 .24245 96.37102603 .21428 .0037251474 .1422605618 .25195 .25195	-0.0 073	1,000,240	01695	.21553	00321	50946	.13885	05334	.21651	01116	300.41000
96.371 02803 .21423 .03445 50672 .14122 05647 .24245 199.660 02727 .21428 .70372 51474 .14226 05618 .25195		100	- 02646	21451	765337	59647	.14045	-,05574	.25285	08342	300.18000
198.66002727 .21428 .0037251474 .1422605618 .25195		171	- 02803	21423	17,445	50672	.14122	05647	.24245	.52014	300,29550
Mineral Police Control of the Contro	117.66-		- 02727	21428	57.577	51474	.14226	05618	.25195	53254	300,39960
. (21/2) /6961, - 6251, 1066, - 60961, 11666, - 61069,	99.393	100 OC	0.010	21/34	0.00	. 52201	14529	-,95697	.21735	-,172/165	399.13990

Particular Contraction

1

_		888		
(RTU286) ( 03 OCT 74		60.409 = 15.709 A = .099	x 300.46000 300.40000 300.35000 300.22000	x 300.29000 300.29000 300.31000 300.38000
(RTU286)	PARAMETRIC CATA	4.520 PTOT500 BETA 5.200 DBETA 5.200 DBETA	0.1814 .05373 01116 05968 .011342 01251	Pt. 18 TA 003524 07048 05404 06629 01970
	P ARA	\$ 	DLTALF 5.20730 5.20990 5.21550 5.21860	6LTALF 5.21070 5.21790 5.24130 5.24670 5.21459
SEPAR.		MACH ALPHA CALPHA X	CBL0557305603056370570205772	05568 05622 05640 05640 05659
T W L/M SRE			CYN .1432 .1454 .1454 .14663	CYN .14136 .14214 .14255 .14423
ET181-088/E			CY 52127 2169 52212 52412 52857	CY 51615 51665 51752 52031 52679
AEDC/VAS28 (1A87) -OIETISI-ORB/ET W L/M SRB SEPAR.		0 IN. XT 0 IN. ZT RWL = 4.91	CLM .00455 .00491 .00590 .00785 .00882	CLN .00250 .00390 .00503 .00539
AEDC/VAS		1997,0900 IN. XT ,0000 IN. YT 450,0000 IN. ZT 5627 0 RWL =	CA .21397 .21347 .21341 .21349 .21572	CA .21400 .21419 .21418 .21435
	ATA	MARP ::	CN 02997 03056 03184 03466 03575	CN 02659 02784 03213 03548
	REFERENCE DATA	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES	2 -99.874 .540 100.250 199.750 399.800	2 -199.210 693 90.734 199.099 399.699
	_	SAEF = 2690. LREF = 1290. BREF = 1290. SCALE =	Get: 662- G40: 962- G9: 962- G9: 962- G9: G0:	7 -196.690 -197.460 -196.470 -201.190 -196.430

300.30000 300.21000 299.96000 399.21000 300.25000

0.1181A .05454 .00948 -.06654 .01106

DLTAF 5.18049 5.13739 5.16629 5.21160 5.25390

-.05573 -.05695 -.05663 -.05624

CYN .13960 .14186 .14169 .14329

C7 -.51013 -.50797 -.50879 -.51688

OCK .00221 .00530 .00494 .00487

CA .21593 .21439 .21443 .21446

CN -.02837 -.02841 -.02916 -.03397

2 -96.867

1.633 100.720 199.780 396.870

7 -100.280 -97.653 -97.043 -99.782

RAVL = 4.01

RUN NO. 8647 G

### AECC/VAS28 (1A87) -OIETISI-ORB/ET W L/H SRB SEPAR.

(RTUZ87) (-03-001-74-)

59,493 15,799 900 .45232 .28696 .26581 .40379 .30554 .07378 .15259 .32746 PTOTL BETA CBETA PARAMETRIC DATA -.017**29** -.0291**9** -.04904 -.071.04 01720 .01720 .01295 -.03793 .96248 CL TB TA 4.529 -.509 5.209 5.23590 5.19500 5.21120 5.20450 5.19116 5.21530 5.2050 5.22270 5.25270 5.24650 11 11 11 11 CALFHA KAGA A: PHA CBL -.05567 -.05612 -.05694 -.05725 CBL -.05514 -.05583 -.05554 -.05542 .14271 .14262 .14638 .14428 CYN .13620 .13791 .13988 .51915 -.51915 -.51821 -.52361 -.52361 CY -.50204 -.50196 -.51(71 -.52806 RUN NO. 867/ 0 RN/L = 4.55 RUN NO. 8667 0 RN/L = 4.01 RN7 = 4.01 .003**82** .00344 .00479 .00759 00970 .00161 .00296 .00224 .00222 = 1997.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT CA .21469 .21397 .21353 .21333 CA .21517 .21442 .71427 .21432 .21432 RUN NO. 8657 0 -.02819 -.03544 -.03420 -.03563 CN -.02307 -.02532 -.02536 -.02555 -.03558 -.02867 REFERENCE DATA BREF = 1290.3000 INCHES SCALE = .0100 : 2690.0000 Sq.FT. # 1290.3000 INCHES 99.730 199.900 401.319 Z -190.139 -199,869 .055 196.790 396.690 .074 99.506 -296.690 -296.465 -296.300 -199.530 -196.220 -197.670 -199.790 -297.230 -290.325 SMEF

X .13374

DLT8 TA -.033 12 .005 85

.28515 .54727 1900

-.51856

-.75973

5.18830 5.19370 5.22450 5.20330 5.10790

CBL -.05516 -.05661 -.05599 -.05521

CYN .13727 .13914 .14596 .14595

CY -.49033 -.49041 -.50720 -.52342

CLN .00208 .00348 .00529 .00419

CA .21526 .21541 .21465 .21436

CN --.92637 --.92892

106.46-

202.84--96.114

-,63149 -,63569 -,63313

96.798 199.629 102.649

-98.450 -100.869

\$	× > W		5 7 7 7	0 1 1 1
REFERENCE DATA	.3000 54.FT. .3000 INC. 63 .3000 INC. 63 .0100	2 26.913 199.075 399.095	2 100.130 199.920 400.940	2 99.91 199.830 406.979
	0010' = \$790'0000 0000' = 1590'3000 9407 = 1590'300	- 236 . 247 - 246 . 247 - 246 . 247 - 246 . 247 - 246 . 247	7 -194.940 -194.770 -195.120	7 809-84- 808-84- 808-84-
			ORIGINAL!	PAGE IS QUALITY

J. Winder

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(RTUZ66) ( 03 OCT 74 )

AEDC/VASEB (1A87)-OI E11S1-ORB/ET W L/M SAB SEPAR.

1A87 TABULATED SOURCE DATA

Co TE PE MAY 75

PARAMETRIC CATA

PAGE 239

60.400 15.700

DETA P TOT

MACH = ALPHA = DALPHA = X

= 1997.9000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT

×

930 -4.90

4.525

.3749E .43479

CL TB TA -.01193 .01360

DLTALF -4.77520 -4.73670 -4.78000

-.05529 -.05529 -.05596

CYN .14257 .14431 .14833

C7 -.51813 -.52046 -.52756

CU 199282 199443 199653

.21396 .21344 .21362

CH -.92741 -.03010

RNA = 4.01

RUN 10. 866/ 0

.05490 .35099

CL TB TA -.01337

CLTALF -4.60160

CBL -.05410 -.05473 -.05683

.13605 .13658 .14499

-.49765 -.50214 -.22148

CLM -.20131

.21443

-.02081 -.92170 11260.-

3

..... .93638

.21377 .21362

RN/ = 4.00

TUN NO. 869/ 0

-.03542

.32054 x .33277

> .0252G 16200

-4.62530 -4.7971n

0, TB TA --, 07,885

CL TALF -4.87280

CBL -.05476 -.05456 -.05557

رجو 13719 .13632

C7 -.48658 -.48721

CLN .m177 .00121

> 10213. .21396 .21327

-.02654

3

19.1 = 1.91

RUN NO. 8797 9

######################################				AEDC/VA S	10~ (1467) es	AEDC/VAS28 (TABT) -OIETISI -ORB/ET W L/H SRB SEPAR.	888 KJAL	SEP AR.		<b>ATURA</b>	6	8	QQTUZA9) (03 CCT 74 )
### ### ### ### #### #################		METERBACE C	<b>714</b>						a.	PARAMETRIC DATA	CATA		
### 1990 INCHES ZNRP = 450.0000 IN. ZT  #### 19100  #### NO. 873/ 0 RN/L = 4.01  ##### CA CLM CY CYN CBL  ###################################					# # #			A K	" " Z Z	4.529	PTOT. BETA	0 H	60.400
### MO. 673/ 0 RM/L = 4.91  Z CN CA CLM CY CYN CBL  99.63903020 .21337 .0045652067 .1446305585  199.65003283 .21328 .0064552243 .1456705656  401.12003580 .21328 .0067552826 .1466505728  RUM NO. 672/ 0 RM/L = 4.09  Z UN CA CLM CY CYN CBL  177.60002582 .21461 .0047051422 .140660511  199.497002680 .21461 .0047052354 .1465605711				450.0000 1	F.			ਰੱ ×	# "	-4,800 300,000	7.38C	"	98: 5
2 CN CA CLM CY CYN CBL 99.03903220 .21337 .07043032203 .1446305565 199.69003220 .21328 .7054352243 .146505565 199.69003220 .21328 .7054352265 .1466505720 601.12003220 .21322 .0927352262 .1466505720 2 CN CA CLM CY CYN CBL 199.69002532 .21401 .0747051734 .1423705616 407.63003462 .21401 .0747051734 .1423705616			EUN NO.		N = 4.91								
99.83903020 .21337 .0045052067 .1446305585 199.65903283 .21328 .0064552243 .1456705656 401.12003580 .21425 .0047552243 .1466505728 RUM NO. 872/ 0 RN/L = 4.09 2 .N CA CLM CY CYN CBL 177.60002532 .21401 .0047051422 .140660512 199.47003462 .21401 .0047052354 .1465605711	٠	~	3	3	3	ځ	£	ਵੱ	CLTALF	F CLTBTA	8 TA	×	
199.65003283 -21328 -0064552243 -1456705656 401.12003560 -21425 -0067552626 -1486505728 - 60M MO. 872/ 0 RM/L = 4.00  2	-286.795	99.039	03020	.21337	.00450	52067	.14463	05585	-4.78149			300,00000	COX
### ### ##############################	-296.530	199.650	13283	.21326	.00645	52243	.14567	05656	-4.78539	090891		300.45900	2002
#UN NO. 872/ 0 #N/L = 4.00 2	-378.001	451.129	03560	.21425	27900.	52426	.14665	95728	-4.64545		. 15001.	300,49500	000
2 CN CA CLM CY CYN CBL 100,0000551251422 .140060551251422 .140060551251422 .140060551251423 .140060551251423 .140060551351534 .1400605711					T = 4.93								
199,971 - 12532 - 12139 - 12132 - 14186 - 151312 199,971 - 12237 - 12131 199,971 - 12132 - 14237 - 12515 199,971 - 125354 14237 - 12515	٠	~	5	3	K)	<b>Ե</b>	ž	ਵ	CLTALF	F CLTBTA	8 T.A	×	
199,971 - 12967 - 21401 (1947) - 13134 14237 - 13616 407,99,07 - 13626 - 13711	-196.17		72532	.21390	.90152	51422	.14086	05512	-4.80360	٠		300.35000	1000
11250 - 12462 - 1250 - 12535 - 12536 - 135711	-196.961		C 72960	16412.	.00470	51734	.14237	05616	-4.79/19/1			300.39000	000
	-2011.021		73462	. 21362	.00701	52354	.14626	95711	-4.63139		.09636	355,44000	1999

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89) ( 03 OCT 74 )

PAGE 249

	NEFERENCE DATA	2						PAR	PARAMETRIC DATA	T.	
201E : 200 10EF : 129 201E : 129	2000.0000 90.FT. 1200.3000 INCHES 1200.3000 INCHES .0100	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1097.0000 IN. XT .0005 IN. YT 450.0000 IN. 21	***			AACH ALPMA DALPMA X		4.320 PTC500 BE -4.800 CB	PTOTL = BETA = CBETA =	60.400 15.700
	_	RUN NO. 87	8717 D RNAL E	16.4							
•	•	3	5	ž.	5	N.	ē	CLTALF	CL TB TA	×	
600.66-	_	02633	.21415	.07262	50351	.13994	05524	-4.79830	.01360		050
-199.219	190.660	-,02563	.21405	.00275	51959	.14947	05594	-4.75170 -4.78280		300.17999 306.17999	200 200 200
			AEDC/VAS28	(1 <b>467)</b> -01E	AEDC/VASZB (1A87) - SIET181-CAB/ET W L/H SAB SEPAR.	* L * \$48	SEPAR.		(RTUR90)	( 93 OCT 74	( % 1)
	REFERENCE CATA	¥						PAR	PARAMETRIC DATA	<b>4</b>	
692 : 2393	2690.0000 58.FT.	E district	1097,0000 IN. XT	* × *			ALPA ALPA	" "	4.520 PT	PTOTL = BETA =	69.499
и и	1290.3000 INCHES	ZWEP z	455.0000 IN.	£2 .			CALPHA	" " <b>¥</b>	80 000.	CBETA =	4.000
		R NO. 8	874/ 0 RN/L =	4.91							
٠	~	3	3	¥,	Շ	Æ	ਭ	DLTALF	Q.TBTA	×	
-200.090	7	£2816		-,00360	50636	.13578	9872	.23325	4.97029		.36529
000.003-		02033		00196	50997	.13746	08408	.22388	4.00650		24622
-296.200		02409	.21336	. ijrajye	S1204	13869	05499	.25649	3.96550		.26536
-256.780	198.280	97926	2130	27000	51611	.14850	<b>3</b> 8.550	.21872	4.00249	•	. 15163
	-		675/ 0 RW/L	•••							
٠	•	3	3	#10	b	Š	<del></del>	CLTALF	¥.8.	×	
-136.660	•	99457	\$65	91161	46235	.12507	05021	.18255	4. 5119	23342	342
-147.600		51556	.21446	00421	40500	.13156	05352	19924	3.93550	12580	383 383
-199.730	\$1.01	02041	.21364	20161	48659	.13216	55493	. 27:R32	3.99760		.13598
-PM. 650	625,005	01689	.21327	00334	49459	.13320	05438	.:6228	4,62530		.24468
-199.560	470.930	03242	.21357	.00640	52132	.14495	05691	18:95	3.91790		.45116
	-	PUN NO. 01	9767 S RWL =	16.4							

l .

X .09866 .09607 .29762 .58279

5LTBTA 3.99250 3.97140 4.00050 3.99730 4.03730

(8) -,04885 -,05457 -,05482 -,05482

.12291 .13396 .13547 .13622

CV -.46967 -.47254 -.47772 -.51494

.21619 .21517 .21474 .21449

CN -.01461 -.02461 -.02139 -.01592

2.100.120 1.23.1 9.64.9 19.970

-99.347 -90.838 -90.339 -90.345

			AEDC/VASE	8 (1487) -OI	AEDC/VASEB (1ABT) -OIET1S1-ORB/ET W L/M SRB SEPAR.	EN PART	SEPAR.		(RTUR91)	( 83 OCT 74	_
¥	MEFERENCE DA	DATA						786	PARAMETRIC DATA	₹	
sett : 2000.00	2665.0000 36.FT.	· disc	1097.0000 IN. XT	N. XT			404	**	4.5E0 PTC	н.	8
C.C 1295.30	1290.3000 INCHES	A MARIA	TY .NI 0000.	Z. 41			AL PAA				ន
Batt : 1295.35 SCALE : .01	1299.3988 INCHES .0198	Ž	450,0000 IN. 27	ř.			CALPHA E		380 000°008	C8ETA = 4.000	8
		RUM NO.	8797 D RN	RHVL = 4.91							
<b>&gt;</b>	~	3	5	<b>.</b>	ځ	Ē	ਵੱ	DLTALF	OL TB TA	×	
-200.149	100.140	02264	.21441	0.0000	51474	.13989	05375	\$2222	3.96530	00060,000	
	391	02470	.21339	.00070	51634	.14149	05463	.22262	3.94520	299.92000	
-290.119	2.107	92016	66213.	.00322	51841	.14296	05568	. 22617	3.95940	300,3000	
- 300.640	199.349	03123	95612.	50500	52053	.14448	05630	.22224	4.02420	300.29000	
230.719	399.060	93576	.21426	29906	52819	.14859	05728	.21534	3.96490	300.13000	
		RCN NO.	878/ D RN	RN/L = 4.51							
>	~	8	2	H U	Շ	ž	ਵੱ	CLTALF	SL TB TA	×	
-201.260	-2.946	51421	.21528	10800	50594	.13496	05246	.18222	4.04930	300.36001	
-199.470	1.233	01965	.21421	50169	50683	.13656	05435	.17781	4.00775	300.27000	
-197.219	100,700	02287	.21372	SMILLS.	59915	.13806	05546	. 19883	3.96795	399.11930	
-129.420	199.650	02634	.21344	.00242	51363	14917	95579	.21432	4.00289	305.25905	
-200.960	629.669	43425	.21346	92293	52296	.14699	55719	.16579	4,76830	300.15000	
		RUN NO.	8777 S RW	PAVL = 4.01							
	~	3	3	¥	ځ	Ē	ಕ	CLTALF	SLTBTA	*	
-99.556	-120.210	01967	.21550	11000	43275	.13065	05107	.21858	4.00135	300.01000	
	96	92596	.21470	26200	49933	.13794	05529	75705.	4.00020	305.18000	
-170.639	97.731	02263	.21425	.00145	49650	11914	05646	.27393	4,53669	300.24000	
-120.749	196.260	02224	.21494	TENTY.	\$9555	.13861	-,05606	.25194	3.98525	300.35000	
-94.951	399.760	72943	.21499	SOARG.	51945	.14386	05671	.21938	3.97545	239.95000	

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AEDC/VASZB(IAB7)-OLETISI-ORB/ET W L/M SAB SEPAR.

PARAMETRIC DATA

(RTU292) ( 03 OCT 74 )

	масн = 4.520 PTOTL = 60.400 ALPM =500 BETA = 15.700 CALFHA = 5.200 SBETA = 4.000 X = 300.000	CBL CLTALF CLTBTA X05472 5.22290 4.06690 300.1300005559 5.20350 4.05210 300.1800005609 5.18630 3.92010 300.2200005669 5.21500 4.00570 300.2200005721 5.21380 3.99950 299.98000	CBL DLTALF DLTBTA X05481 5.21550 3.996.03 300.30000005571 5.23540 3.954.67 300.4700005571 5.23600 3.946.10 300.08070005605 5.251600 3.978.10 300.080700 5.05573 5.251600 3.978.10 300.080700
		CYN .1410 <b>6</b> .14227 .14342 .14519	CYN .13755 .13827 .13871 .14284
		77 51614 51976 51939 52801	CY -,90870 -,50965 -,51050 -,51703 -,52519
	IN. XT IN. YT IN. ZT	CUM CUM 03155 7 .07277 1 .07421 5 .07622 9 .07869	ENAL = 4.01 CLN CLN00027000360011500115
	1997.9000 IN. KT .0000 IN. YT 450.0000 IN. ZT	CA CA .21377 .21337 .21341 .21356	F 0 /10 6
474	Y TARK	CN CN 02576 02546 03548	CN CN CN CN CN CN CN CN CN CN CN CN CN C
REFERENCE DATA	.0000 \$4.FT. .3000 INCHES .3070 INCHES	7 -90.072 .356 100.4.99 130.8.98	2 127.01- 027.01- 075.001- 075.001- 075.001-
•	SART = 2690,0920 BART = 7290,5070 SCALE : 01170	G65'462- G47'462- G45'462- G65'462- G65'462-	7 -196.890 -196.690 -196.690

300,06000 299,66000 299,61000 299,97000 300,010000

DLTBTA 3.99620 3.94390 3.94467 4.01590 3.93840

6.2030 5.2030 5.12930 5.14815 5.21320 5.26360

CBL -.05445 -.05692 -.05623 -.05623

.13534 .14129 .13946 .14577

CY -,49864 -,26409 -,49965 -,51036 -,52069

CUM .00113 .00142 .00123 .001229

CA .21497 .21444 .21452 .21589

CN -. 92328 -. 92616 -. 92264 -. 62469

2 -190.139

1.693 101.000 199.775 396.760

-9.416 -9.412 -96.874 -170.459

RNA = 4.01

RUN NO. 8827 S

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(4TU293) (63 CCT 74 )

SEPAR.
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1467
14528 (
<b>VEDC</b>

	REFERENCE BATA	174						3	PARAMETRIC DATA	CATA		
•	•	a de constante de	1 1987.0005 1N.	IN. KT			NOV#	" አ		PTOR	,,	60.490
			.N1 0000.	IN. 41			₹	# ¥#		BETA	*	15.790
	1200. MOD INCHES	ž	: 450.0000 IN.	IN. 27			7	DALFMA =	S.205	CRETA	••	4.000
אכיוון ג	.9199						×	••				
		<b>3 5</b>	885 D RN	RM. = 4.01								
•	~	5	3	3	ځ	ξ	ಕ	O. TALF	CLTBTA	<b>*</b>	×	
-236.525	-107.050	02181	721427	00065	50995	62722	05442	5.22810		£	.62150	c
-111.365	102	02322	.21343	09000	51032	30.051	95511	5.19590		<b>S</b>	.97278	•
-236.220	28.779	02555	21342	.90102	51294	13959	05537	5.19765		10	3274	
-288.919	133.735	06620	.21341	.00452	-,51845	.14317	05623	5.20780	3.96649	Ĉ	19406	•
-249.249	475.540	93557	.21452	.00879	52842	.14871	05726	5.19530	3.96290	8	.24634	
		<b>1</b> 00.	M 0 /700	RNL = 4.00	_							
-	~	3	ತ	3	Ç	Ē	ಕ	D. TALF	2	Y.	×	
-189.490	-20.415	01778	.21446	05193	40635	.12965	05394	5.18840	4,90779		JADA.	
-180.000	- , '.65	-,0200	.2144	19000	48721	.13313	05548	5.21410	4,04019		76267	
-187.260	2.475	02162	.21394	00053	48905	.13360	05530	5.19750	3.5380		.2686	6
-13.45	198.375	02028	.21392	00111	50047	13617	05488	5.27950	4.03510		.1445	
-197.690	296.610	03405	.21342	.0000	52454	.14676	-,05719	5.24870	3.94720		.13677	
		PEN NO.	083/ O RN	RN/L = 4.00								
>	~	3	8	M)	ځ	ξ	ŧ	CLTALF	C. TB TA	₹	×	
150.04-	-100.210	92757	.215	SACCO.	47209	.13121	05364	5.19220	3.96719	9	03950	
-19.27	195	52694	.21559	.90183	47972	.13695	05662	5.16479	3.98790	S	.03366	
-4.310	272.04	(1212)	.21484	.00140	48561	13937	(15645	5.21490	3.94759		13673.	
- 46.500	199.625	0.0201-	.21414	93945	49119	.13068	-,05474	5.19700	3.985		.26166	
-11.63	399.690	172985	21400	.00515	51692	.14377	05669	5.21260	3.99690		.04279	_

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DATE BO MAY 75

(RTU294) ( 53 OCT 74 )

# AEDC/VASEB (TABT) -OLETISI-ORB/ET W L/H SRB SEPAR.

	_	REFERENCE DATA	ITA							PAR	PARAMETRIC DATA	¥.	
SREF = LREF = BREF = SCALE =	2690.0000 1290.3000 1290.3000	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XHRP YHRP ZHRP		1097,0000 IN. XT .0000 IN. YT 450,0000 IN. ZT	.0000 IN. XT .0000 IN. YT .0000 IN. ZT			₹42×	MACH = ALPHA = DALPHA = X	4.520 PT 500 BE -4.800 CB	PTOTL = BETA = CBETA =	69,499 15,799 4,999
			NO.	8	886/ D R	RNAL = 4	4.91						
-		~	3		ర	Ŋ			ਰ	DLTALF	OLTBTA		
<b>6</b> 2	<b>-299.34</b> 0 -298.230	100.280 198.660	01736		.21269	00416	650633 851234		05307	-4.77970	4.01319		<b>8</b> 5
Ž.	-236.610	399.860	03489		.21291	.00802	252338	.14630	95710	-4.78560	3.99025	.41576	92
			RGN NO.	687	887/ D R	RN/L = 4.	4.90						
-	_	~	3		5	ð	Շ	Č	ම්	DLTALF	CLTBTA	×	
-196	-196.410	99.928	01397		.21415	-,00672			05274	-4.80830	3.96840	•	11
Ž,	-200.570	199.480	01494		.21303	00521	148814	13137	05383	-4.79900	3.98880	.29425	<b>5</b> 2 52
	; !		NO.	8 88	888/ D R	RN/L = 4.	8						
>-	•	~	Š		5	ā d	5	Ž	ē	7. A.	41 8T 43	*	
-9	-99.868	99.992	01896		.21432	00494	•		05325	-4.81540	4.01249	.16625	23
199	-99.302	1 <b>99.92</b> 0	01257		.21429	00400 00549			05453	-4.81310	4,00159		<b>8</b>
					AEDC/VA	.526 (IAB7) -	-01ET1S1-068,	AEDC/VA528 (IA87) -OIÉTISI-ORB/ET W L/H SRB SEPAR.	8 SEPAR.		(RTU295)	( 53 CCT 74	174 )
	-	REFERENCE DATA	TA AT							PAR	PARAMETRIC DATA	₹.	
SARET :: BREF :: SCALE ::	2690.1 1290.1 1290.1	2690.0000 90.FT. 1290.3000 INCHES 1290.3000 INCHES	XMRP = YMRP = ZMRP =		1097,0000 IN. .0000 IN. 450,0000 IN.	.0000 IN. XT .0000 IN. YT .0000 IN. ZT			A COX	MACH = ALPHA =	4.520 PTOT500 BETA -4.800 DBETA	FTOTL = BETA = CBETA =	69,499 15,799 4,509
			RUN NO.	•	8 0 / .	RN/L = 4.	¥.93						
<b>&gt;</b>	<b>A</b>	201.00	S		2	CLM			<b>B</b>	CLTALF	CL TB TA	×	
-300.460	2	199.410	92946		.21319	.00452	51947	.14363	05600	-4. F83(2)	3.97475	300 02000	88
Ę	012.663-	399.810	03547		.21359	.00859		.14815	05728	-4.78240	3.99656	390.15739	9.52
		-	SC NO.	0 /069		RN/L = 4,05	96						
-		2	5		2	<b>3</b> 70	Շ	S	GBL	DLTALF	SL r8 TA	×	
-197.079	.079	101.279	91925		.21437	99237	59583	.13694	95499	4.62179	3.94540	395.18599	Ę
-200.02-	.820	200.040	52359		.21341	. 99952	51934	.13625	95542	-4.79450	4.52795	299,895JP	· £
-291.349	.349	459.889	03207		.21333	.00613	52949	.14455	-,55677	-4.83790	4.58695	300,36000	: 2

DATE 20 MAY 75	AY 75					1467	TABY TABULATED SOURCE DATA	XIRCE DATA				PAGE	245
					AEDC/VA52	8 (1A87) -016	AEDC/VAS28(IA87)-O1ET1S1-ORB/ET W L/M SRB SEFAR.	TWLM SRB	SEPAR.		(RTU295)	( 93 OCT 74	~ 2
	<b>.</b>	REFERENCE DATA	₹							PAR	PARAMETRIC DATA	~	
SAET = 1	2690.0000	00 S4.FT.	X	**	1 0000.1601	IN. XT			MACH	"		11	60.400
H	1290.3000	_	4	90 (	.0000 IN.				ALPHA OA: PHA	11 H	500 BETA -4.800 DBETA		4.000
SCALE =	0005.0 <b>821</b>	100 INCHES		<b>10</b>	• NT DOOD 1NC				×	11			
		-	Š.	=	889/ 0 RWL	n = 4.01							
-		~	8		3	3	5	ક	ඒ	OLTALF	CLTBTA	×	
-99.917	917	99.966	02366		.21392	.00105	49557	.13755	05528	-4.80370	4.01650	300.12000	_
-101.909	908	190.595	02022		.21344	00051	49985	.13648	05547	-4.75110	4.07849	300.09000	
-99.160	<u> </u>	399.645	92676	^	1 <b>3</b>	1107.	5916:-	7	13000				
					AEDC/VA%	!8 (1A87) <del>-</del> ⊙1	AEDC/VAS28 (1A87)-O1ET1S1-ORB/ET W L/H SRB SEPAR.	T W L/M SR8	SEPAR.		(RTU296)	( fig oct 74	~ 2
	¥	REFERENCE CATA	<b>*</b>							FAR	PARAMETRIC DATA	<	
•	2680.000	. FT.	S S S S S S S S S S S S S S S S S S S	14	.NI 0000.7601	N. XT			¥	"	4.520 PTOTL	11	60.400
	2007		O. A.	18	.0000 IN.	IN. YT			ALPHA	11	590 BETA	"	15.700
*	1290.3000		2	84	450.0000 IN.				CALPHA	# ¥Hd	.20G DBETA	TA =	8.000
4.4	ē.								×	"	996		
		-	RUN NO.	•	8927 D RN/L	ሊ = 3.99							
>		~	3		5	Š	Շ	Š	ජ	CLTALF	CL TBTA	×	
-301.050	060	-99.919	00166	_	.21418	01454	48532	.12335	04916	.23493	8.01710	76270.	
-300.210	215	.664	01100	_	.21394	00755	49236	.12811	05276	.19485	8.01770	.25715	
-298.140	140	99.336	01294	_	.21267	-,00639	49667	.13045	05351	.26569	7.97080	14586	
-298.800	60	199.330	01699	•	.21131	00413	50420	.13420	05439	28522	8.08620	12432	
-299.42Đ	621	400.050	03428	~	.21273	.00764	52283	.14596	05719	.21518	7,99699	.13659	_
		-	RUN NO.	•	8937 D RN/L	A = 4.00							
•		•	3		5	¥,	Č	Š	ಕ	CLTALF	0∟TBTA	×	
-100,600	9	-99.266	00004	_	.21535	01469	45266	11195	04771	.16827	7.98980	79385	
-196.000	90	969	01161	_	.21400	00674	46195	.12187	05312	.18258	7.91460	46076	
-200.900	25	96.852	91919	_	.21373	90771	46679	.12524	05449	.21242	8.04550	.18502	۸.
-291.129		200.260	00695	_	.21296	00964	47822	.12736	05420	.15245	8.03320	.47453	_
-199.240		399.885	92699	_	.21280	.00298	51500	.14163	05618	.21187	7,99595	.17526	

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AEDC/VASE&(IA87) -O1ET1S1-CAB/ET W L/H SRB SEPAR.

PAGE 246

( 03 OCT 74 )

(RTU297)

PARAMETRIC DATA	
PARAMETI	
DATA	
REFERENCE DATA	

MACH = 4.520 PTOTL = 60.400 ALPMA =500 BETA = 15.700 CALPMA = .200 CBETA = 6.000 X = 300.000	•	64 -21614 7.96660 299.82000 74 -21614 7.96660 299.82000 75 -23429 7.93030 300.03000 06 -22844 7.99450 300.23000 90 -20504 6.02940 300.23000 26 -21726 7.98770 309.12000 26 -21726 7.98770 309.12000 29 -14407 8.01480 3.01.14000 29 -20481 8.03610 300.14000 22 -20481 8.03610 300.14000 32 -22455 8.00480 300.02000
		CYN GBL 1326305164 144 .1359105374 190 .1382205590 15 .1413005590 122 .1480005726 CYN GBL CYN GBL 26 .1269105030 1335005489 24 .1355205582 50 .1445205682
1097,0000 IN. XT ,0000 IN. YT 450,0000 IN. ZT	RN/L = 4.00	CLM CY 30069250252 90030350644 11 .0030351060 12 .0085352722 RN/L = 4.00 CLM CY 60045649126 00046649579 5003704939 50035952524
2000 H H 1000 H H 1000 H H 1000 H 100	RUN NO. 895/ 0	CN CA01368 .2137302333 .2122702376 .2131902766 .2131903546 .21332 RUN NO. 894/ n R CN CA00447 .2155801429 .2135601575 .2135601575 .21356
84EF = 1290.0000 50.Ft. LAEF = 1290.3000 INCHES BAEF = 1290.3000 INCHES SCALE = .0100		7

### (RTU298) ( 03 OCT 74 ) AEDC/VAS28 (IART) -OIETISI-ORB/ET W L/H SRB SEFAR.

MEFERENCE DATA

PARAMETRIC DATA

- mora 003.8	101 BETA 1		300.000
HQ4M	W PHA	CAL PHA II	)    
# 1097.000 IN. XT	= 17 .NI 0000. =	* = 450.0000 lw. ZT	
XMRP	YEAR	2 <b>74</b> 8P	
\$6.FT.	LREF = 1290,3000 INCHES	INCHES	SCALE = .0100

### RN/L = 4.90 RUN NO. 896/ 13

×	20.12000	10.13000	299.59000	0.2000	00.5500
CL TB TA	8.04620 30	8.97769 30	7.95500 28	8,01980 30	7.98560 30
CLTALF	5.20670	5.22210	5.16579	5.20540	5.21910
ĕ					
S.					
5	35645	59943	51239	51753	52842
CLN					
C.A.					
N CS	60030-	60220	52561	- : : : : :	93578
707 00-					
- VOX-					

,		3	3	£ 0	Շ	Š	ਰ	CLTALF	CLTBTA	×
	011	10.14.F	70117	99559	-,49364	.12819	05309	5.23200	8.02720	1.0511
200.000	700	*****	77816	-, 07492	49629	13032	05417	5.21679	7.99540	.06128
259.339	*36.00	66710		- (2)544	49957	.13219	05403	5.15310	7,96250	.1839
23.735	062-061	OFFICE -	21250	1000	51184	.13879	95527	5.22320	7.93760	,2007
-300.640	400.010	03537	.21326	.00855	52728	.14815	05722	5.17160	7.99640	.41621
		RUN NO.	8987 D RN/L	″. ≈ 3.99						
,	•	3	5	<b>3</b>	5	Š	ಕ	CLTALF	CLTBTA	×
	-00 047	101365	21480	00481	-,46499	.12066	05282	5.15559	7.99885	.2183
	000	. 01235	121471	99518	47914	.12893	05542	5.21120	8.04360	1967
207.001	7.50	01147	21359	95635	47329	.12878	05544	5.17490	8.90000	5195
030.761	100 050	13510	21304	09551	48693	.13095	05445	5.26900	7.96810	-,47954
000 000	400.610	17170	21324	5000	\$2989	.14465	95689	5.18120	7.96240	7060.

AEDC/VAS28 (IA87) -O1ETISI-ORB/ET W L/H SRB SEPAR. (RTU309) ( 93 OCT 74 )

	= 60.400 = 15.700 = 8.900	X 03738 05247	x -1.02220 .53756 .07866
PARAMETRIC DATA	4.529 PTOT599 BETA -4.899 CBETA	CLTBTA 8.02290 7.99840 8.00050	DLTBTA 7.921.93 - 8.05920 7.99690
PARA	MACH = 4 ALPHA = -4 DALPHA = -4 X	DLTALF -4.80910 -4.79210 -4.78630	DLTALF -4.79699 -4.81249 -4.78749
	¥∢0×	CBL 05192 05305 05635	CBL 05150 05315 05472
		CYN .12578 .13078	CYN .11923 .12086 .13566
	ş	CY 48595 49808 51692	CY 45557 46359 50577
	.0000 IN. XT .0000 IN. YT .0000 IN. ZT	CLM CLM 100982 500427 5 -00427	CLM 01241 01265 00723
	: 1097,0000 IN. XT : 0000 IN. YT : 450,0000 IN. ZT	1932 191 141	CA .21422 .21291 .21917
CATA	XMRP YMRP		CN 00570 00365 01214
REFERENCE (	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	2 100.655 199.938 399.860	2 99.306 199.450 399.820
	SREF = 2690. LREF = 1295. BREF = 1295. SCALE = .	7 009-662- 009-662-	¥ 0.198.039- 0.199.590

	Ē	REFERENCE DATA	DATA							_	FARAMETRIC DATA	C DATA			
### "	2690.00	20 SQ.FT.	XMRP	11 11	TX .NI 0000.7601	IN. X1			¥ ¥	" " # <b>#</b>	4.529	FTOTL BETA		60.	60,499
	BREF = 1290.3000   SCALE = .0100	DO INCHES		11	450,0000 IN.	IN. 21			ν CAL	CALFHA = x	-4.899 399.900		11 	œ	999
			RUN NO.		903/ D RN	RN/L = 3.99									
•		~	ð		3	Š	Շ	Š	ಕ	OLTAI			×		
-298	-298.720	99.795	01889	0	.21227	00342	50566	.13593	05376	-4.78625		7.97210 3	306.93900	3500	
200		000.66	92528	<b>6</b> 0	.21187	71100.	51156	.13911	05541	-4.77589			300.24000	000	
-304.590		401.700	03558	•	.21243	.00822	52439	.14675	05716	-4.880			0.100	2000	
			RUN NO.		902/0 RAL	RN/L = 4.00									
>			3		5	Ĭ,	ბ	ž	ខ៍	PLTA		TB TA	×		
-197.210		609.101	01123	n	.21259	00747	49462	13061	05329	-4.85659		7,92300	300.19000	5006	
-200.290		900.030	91459	0	.21253	00517	50045	.13328	05461	-4.7946	_		300.17000	7000	
-197.530		396.160	02924	•	.21181	.06421	51653	.14252	05633	-4,73159	•-		299.79000	0006	

( 03 OCT 74 )

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### IABY TABULATED SOURCE DATA

(RTU302) AEDC/VAS28(IA87)-O1ETISI-ORB/ET W R/M SRB SEPAR.

60.400 15.700 4.990 .04438 .11636 .12267 -.00539 .31362 -.17202 .93375 .98790 x .15459 x .09044 .02072 .02499 .33333 PTOTL BETA CBETA PARAMETRIC DATA CLTBTA 3.99420 3.93350 3.98840 3.99170 3.99620 CLTBTA 3.99600 4.01140 3.97460 3.91100 3.97920 3.97090 3.97720 3.99360 DLTBTA 3.99090 4.03239 4.520 -.500 .200 .000 CLTALF .22498 .22165 .21114 .21555 .22286 .14924 .20522 .21313 DLTALF .20374 .19654 .22912 .22913 MACH = ALPHA = CALPHA = X CBL -.05052 -.05775 -.06076 -.06387 -.05689 -.05761 -.06156 -.06486 -.05669 CBL -.05325 -.05864 -.06238 -.06376 -.05687 CBL -.05754 CYN .12809 .13253 .13757 .15530 .12961 .14020 .14606 .15440 .13281 .14175 .15058 .15703 -.51479 -.52224 -.53392 -.54412 .51293 -.51877 -.52633 -.55156 -.51839 -.52632 -.54190 -.5446 رخ -.59696 RN/L = 4.90 RN/L = 4.00 RN.7. = 3.99 CLM .02820 .01865 .00892 .00201 .03107 .01943 .01310 -.00246 .01468 .01454 .00822 .00219 = 1097.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT CA .20657 .21374 .21352 .21628 .21708 .21849 .21463 CA .20592 .21372 .21763 .21393 CA .20472 .21457 RUN NO. 9047 0 RUN NO. 906/ 5 RUN NO. 9057 0 -.93614 -.92485 -.92797 CN -.06451 -.04981 -.03552 -.02577 -.06672 -.04035 -.01882 -.03078 -.04714 3 REFERENCE DATA SAET = 2690.0000 59.FT. LREF = 1290.3000 INCHES BAEF = 1290.3005 INCHES SCALE = .0100 2 -100.540 99.724 199.769 399.949 -.205 99.924 199.360 399.940 -.108 99.891 200.240 399.780 1.379 2 -99.975 2-99.424 100.860 101.690 104.070 100.880 7 200.650 199.540 200.860 200.790 199.930 12.782 10.769 19.795 10.517 7 99.714

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PAGE 250

(RTU303) AEDC/VASSE (TABT) -OLETISI-ORB/ET W R/H SRB SEPAR.

( 93 OCT 74 )

REFEI SREF = 2690.0000	AEFEA.	LENCE DATA Sq.FT.	TA XIMEP	н	.NI 0000.1001	<b>*</b>			MYCH		PARAMETRIC DATA	PTOT	"	60,400
LREF # 1295.3000 BREF # 1295.3000 SCALE # .0100		INCHES	THRP ZMRP	11 #	.0000 IN. YT	<b>5.</b>			ALPHA CALPHA X	# # # _ <b>3</b>	998'- 99 <b>2'</b> 300'-998	8E 1A 08E 1A	n n	4.000
			SC NO.		907/ 0 RN/L =	= 4.90								
7 10.461 10.263 10.263 9.759 11.134	2 101- 108- 109- 1004	2 -101.339 -201 99.949 199.580 495.480	CN 04485 04659 02771 .00405 02727		CA .20530 .21193 .21793 .21795 .21785 .21465	CLM .01340 .01350 .00477 01668 .00378	CY 52563 52933 54370 55390	CYN .13676 .14332 .15383 .15858	CBL 05029 06179 06737 05737	DLTALF .26323 .20774 .20419 .21437		0.00070 1.00070 1.00360 1.00460 1.01430 5.96100	X 300,25000 300,15000 300,13000 300,16000 299,84000	900 900 900 900 900
7 99.036 101.260 98.525 96.043	2 - 99 - 1001 888	2 -99.395 219 100.270 199.730 399.890	CN 05480 03972 01642 00935	C 01 01 10 10	884 558 754 470	CLM .02178 .01321 01037 .00433	CY 52952 53898 54413 54386 53719	CYN .14261 .15176 .15665 .15640	CBL 05607 06123 05461 06363	DLTALF .185/12 .21764 .18657 .21542		0LT8TA 1.07380 3.94350 1.06930 4.05200 3.99760	x 300.15000 390.71000 360.20000 360.15000	9019 6000 6000 6000

AEDC/VASZB (1AR7) -O1ET1S1-CRB/ET W R/H SRB SEFAR.

REFERENCE DATA

= 1097,0000 IN. XT = .0000 IN. YT = 450,0000 IN. ZT XMRP YMRP ZYMRP SARET = 2699,0000 59.FT. LARET = 1290,3000 INCHES BARET = 1290,3000 INCHES SCALE = .0100

60.400 15.700 4.000

FTOTL BETA CBETA

4,520 -,593 5,290 300,900

0 0 0 MACH ...
ALFHA ...
SALFHA ...
X

( 33 OCT 74

(RTU304)

PARAMETRIC BATA

8.8 .. |} |} RUN NO. 915/ fl

390,01000 299,96000 299,92000 299,84000 390.04000 4.08410 3.99200 3.99150 4.00180 3.91779 DL 18TA 5.28120 5.14410 5.20590 5.13530 5.22370 CBL ~.05626 ~.06119 -.06335 -.06421 -.05694 .13539 .14236 .15256 .15491 .15303 -,52596 -,53923 -,54582 -,53496 -. 52423 .02094 .01439 .00438 .51111 15/421 CA .20719 .21297 .22024 .21538 .21478 -.05323 -.04150 -.02624 -.07695 -.02849 2 101.987 1.266 99.733 201.660 399.830 9.061 19.46' 19.060 19.081

DATE 20 MAY 75				1 78A I	IABY TABULATED SOURCE DATA	WRCE DATA				PAGE 251
			AEDC/VASEB (1A87)-OLETIS1-ORB/ET W R/M SRB SEPAR.	11A87) -01E	T151-0RB/ET	WEAM SRB	SEPAR.		(RTU354)	( 03 OCT 74 )
	REFERENCE DATA	14						PARA	PARAMETRIC DATA	
SHEF = 2690.0000 LINE = 1290.3000 BARE = 1200.3000 SCALE =	.0000 SQ.FT. .3000 INCHES .3000 INCHES	2 Y Y & Y & Y & Y & Y & Y & Y & Y & Y &	1997.0000 IN. .0000 IN. 450.0000 IN.	* * *			MACH ALPHA DALPHA X	* · · · · · ·	4.520 PTOTL 590 BETA 5.290 SBETA 300.000	L = 69.409 = 15.709 A = 4.999
		RUN NO.	909/ 0 RN/L	3.99						
7 100.000 108.000 108.180 100.180	2 -100.740 -1.274 100.450 190.700	CN 04766 03746 02008 01673	CA .20990 .21751 .21963 - .21479 -	CLM .01750 .01199 00540 00573	CY 53214 53727 53939 53938	CYN .14415 .15071 .15417 .15401	CBL05774060790627206184057706	6.74LF 5.23610 5.26930 5.20210 5.21110 5.22190	DL 78 7 A 3.962 90 3.943 50 3.950 70 3.995 90	x 300.16000 300.34000 299.69000 300.01000 300.00000
	REFERENCE DATA	ΙΤΑ	AEDC/VA528	(1487) –31E	AEDC/VASZ8 (IAR7) –OIETISI –ORB/ET 14 R/M SRB SEPAR.	F. R. A. S. 88	SEPAR.	g A3.4	(RTUBDS) Parametric data	c n3 oct 74 )
##EF = 2880,0000 LMEF = 1280,3000 SCALE = 3000	.9000 88.FT. .9000 INCHES .3000 INCHES	M T T T T T T T T T T T T T T T T T T T	1097.0000 IN. XT. 0000 IN. XT. 450.0000 IN. ZT. XT. 450.0000 IN. ZT.	***			HACH A PHA SALPHA X	40 10 10 11	4.320 PTOT. 500 BETA 5.200 DBETA	L = 60.400 = 15.700 A = 4.000
		PCN NO. 9	911/ D RWL =	£.00					,	
v 19.579	7.6.04-	ON 05427	CA .21093	CLH .92174	CY 51125	.12 <b>66</b>		5.20630	0.181A 3.99360	x .06016
10.053	245	04324	21192	.01496	62215	12990	05686	5.19340	3.96980 3.99790	.03263
9.918 9.65	190.010 370.700	06750	.21679	.00877	54542	.15435	06291	9.21010	4,00420	01004

...01107 -.05103 .37067 .26602

5,99900 3,99900 3,99500 3,97470 4,03200 4,0660

5.20790 5.15660 5.17350 5.22110 5.22250

CBL -.05325 -.05226 -.06239 -.06242 -.05247

.13450 .14043 .14713 .15339

CY -. 51185 -. 51718 -. 52690 -. 53972 -. 54996

.02635 .02635 .001517 .00755 .00335

CA 21209 21499 21413: 21413:

CN -.06327 -.04432 -.03389 -.02743

2 -100.130 -383 100.010 199.150

7 100.220 101.330 101.760 99.392

MV. = 3.99

RUN NO. 912/ 0

Coppe, and a second

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(RTU355) ( 93 OCT 74 )

69.490 15.799 4.999 -,02523 39025 .33336 BETA SBETA PTOT PARAMETRIC DATA 4,00070 4,00220 3,97470 4.00019 OL TB TA 4.90549 4.520 -.500 5.200 000 5.22470 5.20879 5.21179 5.23750 DLTALF 5.24720 # # # # CALPHA FACH ALPHA -. 55854 -. 96924 -. 96266 -. 95681 -.05460 .13532 .15442 -.51659 -.53148 -. 53914 -.53861 RN/L = 4.00 CLM .02128 .01643 .01252 -.00121 .00642 = 1097.0000 IN. XT = .00000 IN. YT = 450.0000 IN. ZT .21419 CA .21529 .21463 .21815 913/ 0 -.02079 -.95284 -.04530 -.03951 . 2 NEFERENCE DATA 2690.0000 56.FT. 1290.3000 INCHES BARF # 1290,3000 INCHES 99.714 199.920 399.540 -100.610 -. 328 .9190 200.230 201.105 201.340 010.0CZ 200.030

MEFERENCE DATA

AEDC/VAS28 (1A87) -O1ET1-1SOLATED GRB/ET

(RTU306) ( 16 APR 75 )

199.599

.een PToTL =

\*

BE TA

PARAMETRIC DATA

= 1997.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT THE P PARTY. 3467 = 2699,0000 54.FT. L467 = 1290,3000 INCHES BADT = 1290.3000 INCHES SCALE = .0100 RN7 . 6.48 55/ 0 . 2

CTN -.97267 C4 .00907 CLN .03969 CA .18657 CN -.07395 AL PAGA - . . 398 4.523

Ge∟ .90114

AEDC/VA528 (1A87) -O1ET1-1SQLATED O4B/ET

(RTU3GT) ( 16 APR 75 )

S. 23

.EGS PTOR

11

BETA

PARAMETRIC DATA

REFERENCE DATA

= 1097.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT \* 2690.0000 34.FT. \* 1290.3000 INCHES

LIEFT = 1290.3000 INCHES SCALE = .0100

5.85 RISKY .. RUN NO. 184/ 0 Gel .90**199** CYN --.90188 رم .00**690** CLK :0**66**% CA .21165 CN -.21498 4 Pt 4.520

(RTUSOS) ( 16 APR 75 ) (RTUS09) ( 16 APR 75 ) (RTUS10) ( 16 APR 75 ) 8 80°.20 90.200 PAGE 253 10.900 PTOTL = .non Pron. = 5.400 PTOTL = PARAMETRIC CATA PARAMETRIC DATA PARAMETRIC DATA CBL .90067 -.91730 CYN -. 00248 \*\* CTN :04055 BETA رم .00**63**0 رم -. 1**644** TABLE SOURCE DATA AEDC/VAS28 (1A87) -CLET1-150LATED ORB/ET AEDC/VAS28 (TABT) -OLET!-150LATED ORB/ET AEDC/VASZB (1ABT) -O1ET1-150LATED ONB/ET CLM .02448 CLM -.03469 .15822 19947 5 J RN7. = 5.85 RV. = 5.86 xxee = 1097,0000 ln, xT xxee = ,0000 ln, YI Xxee = 450,0000 ln, ZT = 1097.0000 IN. XT = TY .NI 0000 ... = YMRP = 1097.0909 IN. YT YMRP = .0999 IN. YT ZMRP = 490.9909 IN. ZT XMEP = 1097,0005 IN. XT YMEP = .0000 IN. YT ZMEP = 450,0005 IN. ZT .19566 -.56249 3 3 RUN NO. 239/ 0 RUN NO. 2947 0 ALPHA 10.303 ..390 A PAR ₹ . %? 4.520 Š MEPERENCE DATA MEPERENCE CATA REFERENCE DATA SAEF = 2690.0000 34.FT. LAEF = 1290.3000 INCHES BAEF = 1290.3000 INCHES B40 : 1290.3000 INCHES MACT = 2690.0000 90.FT. LMCT = 1290.3000 INCHES MACT = 1290.3000 INCHES \$407 s 2690.0000 54.FT. : 1289.3000 INCHES 0010 .010 CATE 20 MAY 75 אנאונ ב

ada minasiring

0010

5.87 # | |-| RUN NO. 4037 0

.09352 £ -.34595 Շ CLM .01547 **30102** -. 190**8**4 AL 74 ##C#

-.03718 ಕ

(RTU311) ( 16 APR 75 )

# AEDC/VAS28 (1A87) -OLET1-150LATED ORB/ET

PARAMETRIC DATA

91.299

19.800 PTOTL =

BETA

XMS = 1097,0000 IN. XT YMS = .0000 IN. YT ZMS = 450,0000 IN. ZT SAEF = 2890.000% 50.FT. LAGF = 1290.3000 INCHES BAEF = 1290.3000 INCHES 0010 SCALE :

REFERENCE DATA

\$.95 RN7 = RUN NO. 912/ 9 CY -.37410 CLN .95684 CA .23225 CN - .20949 AL PHA -5.918

4.520

(RTU312) ( 16 APR 75 )

OBC -.03728

CTN . 19731

91.200

11

11.905 PTOL

BETA

PARAMETRIC DATA

AEDC/VASZB (TAB7) -OIET1-190LATED ORB/ET

REFERENCE CATA

= 1597.0000 IN. XT = .0000 IN. YT = 450.0000 IN. ZT RACY = 2690,0000 50.FT. LACY = 1290,9000 INCHES RACY = 1290,3000 INCHES

0616

5.97 RN7 " RUN NO. 615/ 0 CYN .06560 ح -.29 CLN -.:06211 CA .16191 CN .23863 ALPHA 19.207 4. 520

CBL -.03360

AEDC/VA528 (1A87) -O!ET1-190LATED ONB/ET

(RTUS13) ( 16 APR 75 )

69,499

15.800 PTOTL =

PARAMETRIC DATA

METERBACE CATA

BETA YMER = 1.097,0000 IN. XT YMER = .0000 IN. YT ZMER = 450,0000 IN. ZT \* 2690.0000 34.FT. \* 1290.3000 INCHES

BACT = 1290,3000 INCHES BCALE = .0100

. 3 RN/L = £5 C\$11: -.46941 Շ CLM -.07963 CA .1770 3 AL PMA 19.94 4. SP5

CBL -.5426

RUN NO. 7357 0

58926

•

DATE 250 MAY 75	_				1467	TABP TABULATED SOURCE DATA	SOUNCE DV	ATA					PACE	<b>25</b> 2
			AED	Z/VA <b>926</b> (	14871-OI	AEDC/VASEG (TABT) -OLETI-TSOLATED OBJET	ED 048/E	-			(RTGL)		( 16 AFR 75	. 25
	AETENENCE DATA	Y.								₹	SAHAMETRIC DATA	PATAC		
2002 - 2000 10421 - 2000 10421 - 2000 10421 - 2000	1290.0000 80.FT. 1290.3000 IKHES 1290.3000 IKHES		1087.0	1097.0000 IN. .0000 IN. 459.0000 IN.	***				<b>ECT</b> :	•	15.700	F101.		60.400
		Š.	0 /551	# 7#	z 4.01									
	3 j	4. S20	AL PHA 475	- :0586		- 1204	CLN .00879	CY 52668		5	CBL 05727			
			ğ	C/VA528	(1 <b>46</b> 7) –01	AEDC/VAS28 (IABT) -OIETISI-R/M SRB SEPAR, FROM OVET	SAR SEPA	A.FROM	ב ג		(ATUDO1)		8 2	( BS OCT 74 )
	NETERCICE BATA	17.								ď	PARAMETRIC DATA	DATA		
240 : 2400 140 : 1200 140 : 1200	2660.0000 30.FT. 1250.0000 INCHES 1250.0000 INCHES		= 1258. = .	1258.5070 IN. .0000 IN. 400.0070 IN.	8 2 8				MON ALPHA CALFHA X	4 H II II	4.525 400 .900	PTOT. BETA CBETA		000. 000. 000.
		Š	6 /7	¥	± 6.51	_								
-	N	3	3		3	Շ	Ę		ಕ	CL TALF			×	,
32. ::	098.001-	01000		9894	79100.	44600. 15509	.010 <b>6.</b>		10000	.02035	52960°- 5		7.00	1 -
0.672	100.160	90846	-	•	90000	00948	.00642		CCCCC.	91982		.053 50	57750.	r i
10.440	1 <b>35.53</b> 0 3 <b>35.77</b> 0	00644		25820.	00501	05120 .07236	.00922 ASA(10.		- 00000	9110.	_	.01537	06463	7 2
		Š.	3/ 0	Ş	± 6.51	_								
•	^	3	3		¥ T	5	Ē	J	ਰੰ	DLTALF		CL TB TA	×	
191.759	-191.469	000		.02654	19206	.02025	.01498	·	00000	.06416	•		57216	•
101.040	-2.217				2920	.91273	.01440 .01440		00000	2000.	282820	525	12621	E <b>S</b>
100.619		75005-		92120	.0025	70900		٠	00000	20,400	·	210	21978	<b>.</b>
101.18	647.00	00436			00864	ACOUNT.		·	100001-	02864	•	151	08430	2
		RUN NO.	6 /2		= 6.51									
•		3	3		ę.	Շ	Ē	-	ਵੱ	OLTALF.		CL TB TA	×	
140.72	-199.159	00262		67220	50143	.01515	.00493		0000	.91 560		.905#1	13203	2
200.500	986.	05847		.02350	99200	.91211	.00630		60000	.02197	•	638	27976	¥
199.665	100.679	97739			score.	12870	13900		00000			.00304	09324	Z :
100.619	259.717	00649		. 62220		79662	17500.	•	0000	125647		.02113	26939	2 2
E 5 - 2 - 1			•									:	; !	•

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( 93 OCT 74 )
(470051)
AEDCZVASZB (1AB7)-Q1ETIS1-R/H S4B SEFAR.FROM CZET

	REFERENCE DATA	7.						PAR	PARAMETRIC CATA	ATA		
	Seen many to FT.	THE P	1258.5000 IN. XS	W. XS			MACH.	**	4.520 FT	FTOTL :	- 19	199.500
• 1			0000	· >			AL PHA		400 BE	BETA	.,	66
	1290, 3000 Inches		.NI 0000 1N.				DALFHA	" ¥	90 000	CEETA	11	666
				<u>.</u>			×	"	. 966			
	-	PER 10	1/ D RN/L	ı. = 6.51								
•	•	ð	5	*	č	Š	ag T	CLTALF	CLTBTA		×	
300,765	-120.590	99255	.02351	.90141	.01424	-,93294	00000	.03892	90770.		19744	
52.25	1.801	90196	.02154	.00008	.00736	57100.	00000	.03216	17600.		26211	
62.67	663	99234	. "2171	00050	69900	.90251	000000	96610.	924 92		23291	
472.280	220.139	00353	.52165	00062	.00732	29100	00000	-,90628	-, 99064		13448	_
497.660	479.270	70714	.02230	99000	.00953	00163	GOOGG.	.00276	01865		13292	<b>-</b> .
			AEDC/VA\$2	AEDC/VAS28 (1AR7) -OIETISI-R/M SRB SEFAR.FROM OVET	211511-R/M St	RB SEFAR.FIR	Q O/ET		(ATUDO2)		( 03 OCT 74	~ 22
	MEFERENCE CATA	4						FAR	FARAMETRIC CATA	ATA		
		l E										
0492 : DWS	2690,0000 Sa.FT.	KNAGA	1256.5500 IN.	IN. XS			5	"			9	199.900
1290	1290,3000 INCHES	YMEE	CHAIN IN. YS	N. YS			A PA	,,			, ,	
	1290.3000 INCHES	7867	499, 9300 IN.	īr. 73			SALPHA	••		. A	11	
* 3 W 78	0010						H	) "	300,000			
		9	5/ G RN	RN/L = 6.51								
•	•	ð	3	ð	გ	ž	충	OLTAL!	CL 78 7A		×	
10.44	-120.110	01213	.01630	00275	42500,	09800	100001	.01258	-,005 50	_	£99.9e000	_
12.647	747.	01217	12510.	00345	00957	.ms74	10000	02197	-,083.87		295.930m	_
11.490	100,445	00631	.01641	00175	01166	01700	100001	00656	:3857		299.91000	_
10.005	135.960	0009	90010.	70100	00059	.00236	00000	.01361	199: -		299.99000	_
11.300	400,780	C-, 2019-05	.02045	00754	.00399	.00549	.0000	<b>*</b> 0220*-	998	-	299.99000	_
		RUN NO.	6/ 5 RML	n = 6.50								
•	•	3	3	ð	5	Š	ਵੰ	CLTALF	CL TB TA		×	
25.25	-100,700	00636	.02365	00216	.02215	\$9900	-,00000	.03443	20200		299.90000	_
201.2	074	7840G	98130	00209	07405	.90447	CCCCC.	CAMPS.	78957		299.82000	_
27.25	<b>3</b> .131	000	\$6226	39000	17.1669	.90353	00000	.06256	.02622		299.91000	_
131.167	200.360	20000-	11850.	06131	00247	10000	00000	n12:4	-102659		299.97770	_
140.661	399.790	00eE7	21525	-,00736	.06809	16920:	-,00000	. 399	67652		299.887	_

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### TABY TABULATED SOUNCE DATA

#### PAGE 257

(ATUDOR) ( 00 OCT 74 )

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# AEDC/VASEB (1A87) -OLETISI-RAH SAB SEPAR,FROM OVET

#### PARAMETRIC DATA

000,000 000,

	H H H
5	PTOTL E BETA E SBETA :
	4.529 400 .900 300.000
	MASH II ALPHA II CALPHA II
METENERE CATA	SWEF E 2690,0000 50.FT. KAMP E 1250.5000 IN. XS LWEF E 1290.3009 INCHES YMMP E . 0000 IN. YS BMEF E 1290.3009 INCHES ZMMP E 400.9009 IN. ZS SCALE E . 0109

2 CN CA CLN CY CYN CLN CLN BLTALF 101407 101820 -100001 103969 101.814 -1336 -100001 103389 -100003 -101407 101820 -100000 -10369 196.326 -101826 103111 107164 101126 100926 -100000 -100426 196.326 -101826 103111 107164 101126 100901 100919 109919 196.850 -100003 102632 -100307 109997 107946 -100000 101533 197.760 -100357 102147 -100435 100167 100901 -1002101 1005115	\$ .02954 .00123 .01407 .0122000001 6 .0303500003 .01297 .0092600000 1 .0263200307 .00997 .0094600000 1 .02614700435 .00167 .0050100000 7 .0214700435 .00167 .0050100000		<b>M M</b>	0 /2	HAVL x 6.59				
00015 .02654 .00123 .01407 .012600001 00606 .0351300003 .01267 .0092600000 01226 .03111 .0164 .01126 .00603 .00001 00357 .0261200307 .00997 .0094600000 00357 .0214700435 .00167 .0050100001	00015 .02564 .00123 .01407 .0122000001 00606 .03401 .00164 .01126 .0050600000 01226 .03101 .00164 .01126 .00503 .00001 0131 .0265200307 .00397 .0194600000 00357 .0214700435 .00167 .0050100001	~		5		ځ	£	ਰੱ	OL TAL F
00006 .0350300003 .01297 .009260000001226 .03101 .00164 .01126 .00603 .0000100631 .0265200307 .00997 .009460000000357 .0214700435 .00167 .0050100001	00006 .0353500003 .01897 .009260000001826 .03141 .00164 .01126 .00603 .0000100631 .0265200397 .00997 .019460000000357 .0214700435 .00167 .0050100201	101.510	·	.020		.01407	03310	10000	.03963
01226 .03101 .00164 .01126 .00603 .00001 00631 .0265200307 .00997 .0094600000 00357 .0214700435 .00167 .0050100201 RAY NO. 67 0 RAY, x 6.50	-,01256 ,03101 ,00164 ,01126 ,00603 ,00001 -,00031 ,02652 -,00307 ,00997 ,00946 -,00000 -,00357 ,02147 -,00435 ,00167 ,00501 -,00001 RUN NO. 6/ 0 RUN_ = 6.50		•	.0303		76310.	93600	00000'-	05426
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## (ATU203) ( 93 OCT 74 ) AEDC/VASSB (TAB7) -OIETISI-R/M SHB SEPAR, FROM OVET

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(AT 200 0) - ( 60 C) 74 )

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### TABY TABULATER SOURCE DATA

(A7U008) ( 03 OCT 74 )

AETC/VASEB (TABT) -(METTIS) -RAH SHB SEPAR, FROM G/ET	

	ASSERBNCE DATA	CATA						7	PARAMETRIC DATA	DATA		
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		32. X.	Na 9 /82	RN/L = 6.5								
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TAST TABILLARIES SCHOOL DATA

ACOCHRESE TARTS - CORTISENEN SES SCHAFFON OVET

(ATUBDB) ( 03 OCT 74 )

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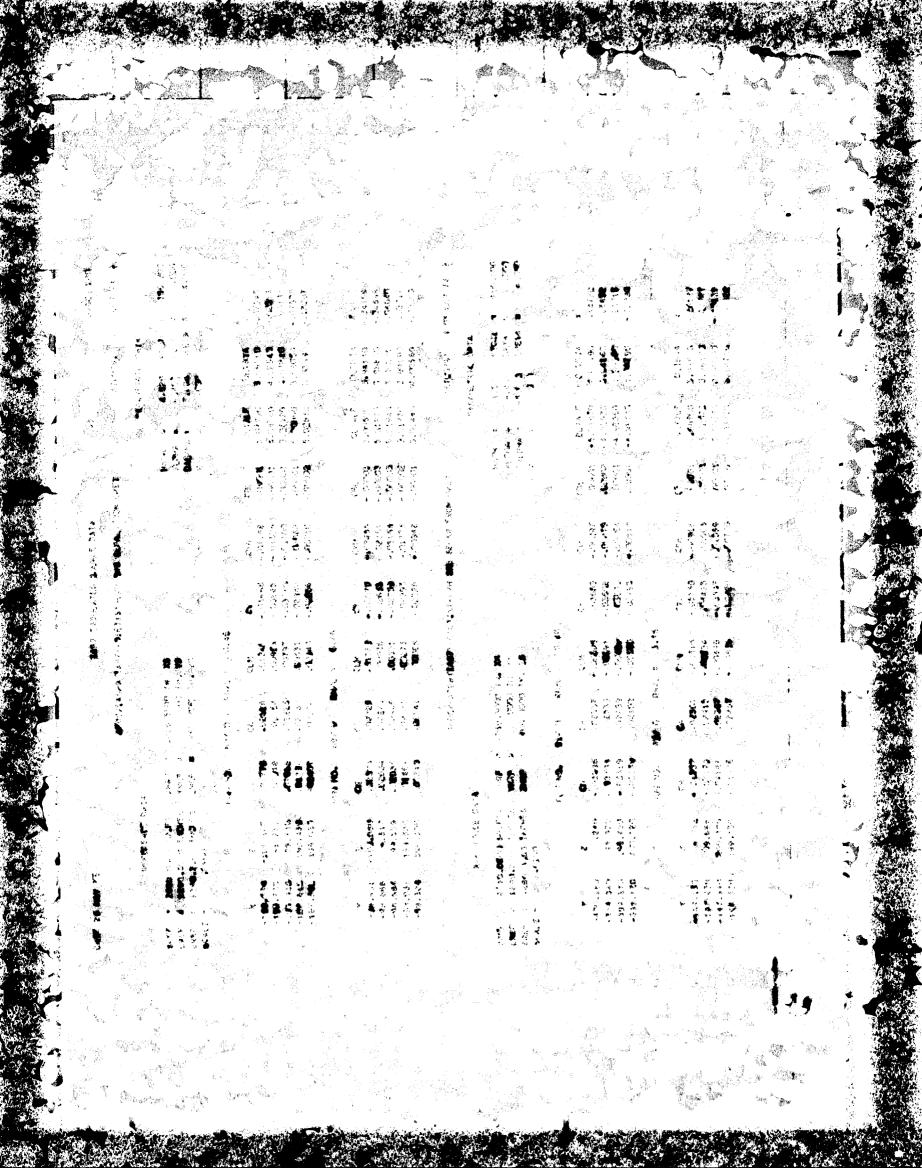
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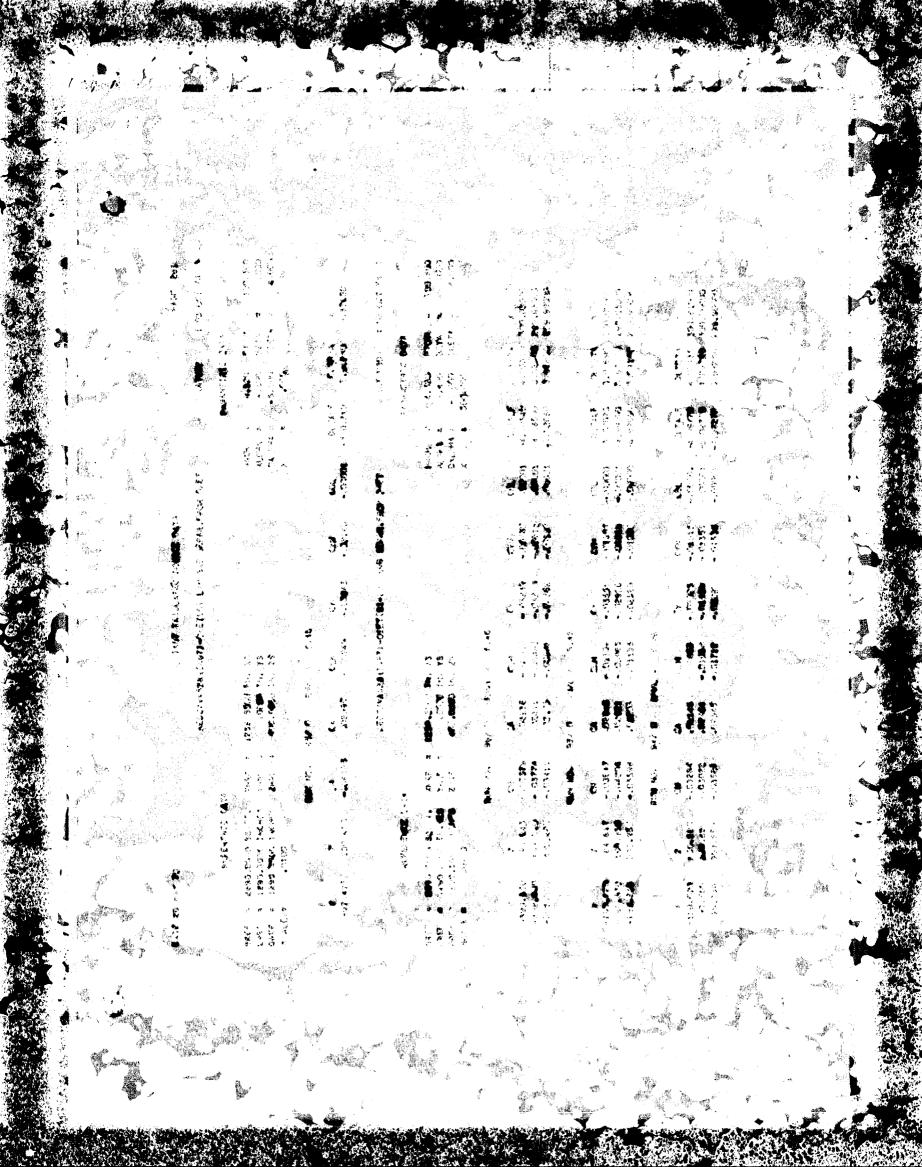
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(ATUD71) ( 03 OCT 74 )

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	XMRP = 1256.5000 IN. XS YMRP = .0000 IN. YS ZMRP = 400.0000 IN. ZS
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172 .03502 .02564 .01941 .05559 .0136800002 .01158 -4.01770   299.773 .05181 .02356 .01158 .05875 .0101400002 .01151 -4.01770   299.773 .05181 .02356 .01158 .05875 .0101400002 .01151 -4.01770   299.773 .05181 .02356 .0242 .0245 .01062 .015900002 .0159 -3.932.0   399.610 .05553 .0239 .00745 .03186 .00002 .01599 -3.932.0   2	199.500			89	.02437	.01925	06090	.00834	00002	.01091	-4.025		2680	_	
99.773 .06181 .02356 .01158 .05875 .0101400002 .01151 -4.01770 200.690 .05756 .02472 .01062 .04931 .0083500002 .0159 -3.92250 399.610 .05563 .02399 .00745 .03186 .0026300002 .01599 -3.99320  RUN NO. 2097 0 RN/L = 5.86  20 CN CA CLM CY CYN CBL CLTALF CLTBTA -101.300 .06294 .02458 .01377 .04145 .0036400002 .08034 -3.94810901 .06796 .02310 .00957 .03799 .4538300003 .03692 -4.03290 99.192 .06703 .02356 .00784 .03848 .0041100003 .03023 -4.03680 200.440 .06369 .02374 .01699 .02666 .001660001 .01098 -3.99930	199.70			20	.02564	.01941	.05559	.61368	00002	.01158	4.917		1454	2	
290.690         .05756         .02472         .01062         .04931         .00835        0002        0060         -3.92250           399.610         .05563         .02399         .00745         .03166         .00263        0002         .01599         -3.99320           399.610         .05563         .02397         0.0745         .00263        0002         .01599         -3.99320           -101.300         .06294         .02456         .01377         .04145         .00364        0002         .04054         -3.94810          901         .06796         .02310         .00957         .03799         .46153        00003         .05662         -4.03680           200.440         .06703         .02356         .00784         .03248         .00411        00003        02695         -4.03760           299.940         .05283         .02374         .01696         .00166        00001         .01096         -2.09930	200.090			81	.02356	.01158	.05875	.01014	-,00002	.01151	-4.917			9	
2 CN CA CLM CY CYN CBL CLTALF CLTBTA101-300 .06294 .02456 .01377 .04145 .0036400003 .03692 -3.99320101-300 .06294 .02456 .01377 .04145 .0036400003 .05692 -4.03290 99.192 .06703 .02356 .00784 .0348 .0041100003 .03023 -4.05880 200.440 .05289 .02374 .01699 .02686 .0019600003 .03023 -4.03680 .03760	197.17			99	.02472	.01062	.04931	.00835	-,00002	00840	-3.922		2045	~	
Z         CN         CA         CLM         CY         CYN         CBL         CLTALF         CLTBTA           -101.300         .06294         .02458         .01377         .04145         .00364        00002         .06034         -3.9810          901         .06796         .02310         .00957         .01379         .wises        00003         .05692         -4.0290           99.192         .06703         .02356         .07784         .0348         .00411        00003         .03023         -4.03680           200.440         .05283         .02374         .01699         .0266         .00166        0001         .01098         -3.99930	199.86			<b>1</b> 9	.02399	.00745	.03186	.00263	00002	.01599	-3.993		.0220	<b>.</b>	
Z         CN         CA         CLM         CY         CVN         CBL         CLTALF         CLTALF         CLTBTA           -101.300         .06294         .02456         .01377         .04145         .00364        00002         .06054         -3.94810          901         .06796         .02310         .00957         .03799         .461583        00003         .05692         -4.0290           99.192         .06703         .02786         .00784         .03448         .00411        00003         .03023         -4.058 80           200.440         .05283         .02172         .03725         .00196        00003        02895         -4.03760           399.940         .05283         .02174         .01696        00001         .01098         -3.99930			AUN NO												
-101.300         .06294         .02456         .01377         .0445         .00364        00002         .08054         -3.94810          901         .06796         .02310         .00957         .03799         .01583        00003         .05692         -4.03290           99.192         .06703         .02784         .03848         .00411        00003        02893         -4.03680           200.440         .06369         .02712         .03725         .00196        00003        02895         -4.03760           399.940         .05283         .02374         .01686         .0166        00001         .01098         -3.99930	>				5	3	Շ	Š	ਵ	CLTALF	CL TB		×		
901 .06796 .02310 .00957 .03799 .0358300003 .05692 -4.03290 99.192 .06703 .02356 .00784 .03848 .0041100003 .03023 -4.05880 200.440 .06369 .02395 .00712 .03725 .001980000302895 -4.03760 399.940 .05283 .02374 .01099 .02686 .0016600001 .01098 -3.99930	399.480			3	.02458	77810.	.94145	.00364	00002	.00054	-3.948		2165	•	
99.192 .06703 .02356 .00784 .03848 .0041100003 .03023 -4.03680 200.440 .06369 .02395 .00712 .03725 .001980000302895 -4.03760 399.940 .05283 .02374 .01099 .02686 .0016600001 .01098 -3.99930	200.107			8	.02319	75600.	.03799	.423583	00003	.05692	-4.032		5817	10	
200.440 .06369 .02395 .00712 .03725 .001980000302895 -4.03760 399.940 .05283 .02374 .01099 .02686 .0016600001 .01098 -3.99930	401.065			03	.02356	.90784	.03848	.00411	00003	.03023	-4.058			~	
399.940 ,05283 ,02374 ,01099 ,02686 ,0106 -,00001 ,01098 -3.99930	402.220			69	.02395	51700.	.03725	.00198	90003	02695	-4.037		.0222	•	
	400.659			83	.02374	.01099	.02686	.00166	00001	.01098	-3.999		.5468	ø	

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TABULATED
TABT

DATE 20 MAY 75

( 93 OCT 74 ) (ATUD72) AEDC/VAS28 (IA87) -OIETISI-R/H SRB SEPAR.FRON OVET RCE DATA

	REFERENCE DATA	DATA						PAR	PARAMETRIC DATA	<b>4</b>
94EF = 2690 LNEF = 1290 BNEF = 1290 SCALE =	2690.0909 34.FT. 1290.9909 INCHES 1290.3909 INCHES	S YARP II	1258.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	N. XS N. 15 N. 25			HACH ALPHA CALPHA X		4.525 FTOTU 10.305 BETA .005 5BETA	FTOTL = 99.200 BETA = .000 SBETA = -4.000
		RUN NO. 2	212/ D RN/L =	1 5.86						
<b>&gt;</b>	2	5	5	CLM	č	S.	S.	CLTALF	OLTBTA	×
100.240	-195.55	.04314	02193	79010.	01836	77700.	00003	60060.	-4.11970	300.03000
103.240	99.443	.05246	.02751	.01675	.04317	.01343	500012	.D4194	-4.111.00	300.17000
99.215	199.730	.04659	.03234	79600.	.05769	.01663	00002	.01238	-3.99940	299.84000
226.66	399,600	.05178	.02417	.00703	.03490	.03840	-,00002	.01956	-4.00219	299.93000
		RUN NO. 2	213/ O RW/L	5.86						
-	~	3	5	5	ò	£	ਵੱ	OLTALF.	OLTB TA	×
199.940	-100.000	.05115	.02965	.01769	.05578	.01246	00002	.01604	-4.01159	299.99000
196.350	-1.003	99960	.03173	.01672	.04096	.01835	-,00003	.04378	-3.97050	299.860.00
199.590	99.963	.05454	.03271	.01533	.05281	.01953	00003	.01686	-4.00869	299, 60000
199.710	200.160	.05418	.02861	67600	.05643	.01404	00002	.00484	-4.00360	289,82000
199.990	399.580	.03660	.02413	70200	.03349	.00513	-,00002	.01536	-4.00319	299.94000
		RUN NO. 2	2147 0 RHG	2.86						
٠	~	3	చ	3	Շ	£	é	CLTALF	OL TBTA	×
490.470	-100.030	.06323	.02591	.01303	.05643	.00161	00002	.01094	-3.99120	299.89000
400.170	164	.05894	.02459	.01486	.04377	.00660	00002	.01882	-3.99159	299,92000
400.200	101.240	.96546	.02354	57600.	.03903	.00700	00003	06360	-4.00159	299.94000
396.730	200.490	.06442	.02301	90900	16880	.00499	00003	01690	-3.94090	299.99000
390.020	400.260	.05630	96520.	.00066	.02756	.00164	20000	.00299	-3.91120	299.77000

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## AEDC/VAS28 (1A87) -OLETISI-R/H SRB SEPAR.FROH O/ET

(ATU073) ( 03 OCT 74 )	PARAMETRIC DATA
AEDC/VAST8 (1487) -OLETISI-R/M SRB SEPAR.FROM O/ET	
	REFERENCE DATA

.03561 .01771 .03569 .01590 .015641 .01040 .02641 .01040 .02641 .01040 .03361 .02429 .03361 .03361 .03262	CV C.M. C.M00213 .03256 .03139	CBL 00005 00005	DLTALF 4.97170 -3 5.05260 -4	DLTBTA X -3.95900 299.57000 -4.00160 299.76000
CN CA CLM 1 .19437 .03381 .02429	.05565 .01039 .06645 .01677 .03212 .03395	-, 00004 -, 00004 -, 00004		
0. 9230. 10400 .03575 .02629 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	CY CYN .04133 .01662 .05637 .01636 .07269 .01676 .05952 .01644		5.02450 -3 4.99260 -4 4.91780 -4	0,181A X -3,999m 299,79000 -4,09810 310,12000 -4,01030 299,66000 -3,90830 299,70000 -4,01030 299,70000

DATE BO MAY 75	£			1 1001	IABT TABULATED SOURCE DATA	NAME DATA				PAGE 317
			AEDC/VA52	AEDC/VASSB (TABT) -OLETIS1-R/M SRB SEPAR.FROM OVET	T181-R/H SI	IB SEPAR.FR	OH OVET		(ATU074)	( BS OCT 74 )
	REFERENCE DATA	4						P.A.	PARAMETRIC DATA	
200 : 300 100 : 150 200 : 500	2690.0000 98.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	THE STATE OF THE S	1256.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	й. XS 7.3 25			MACH ALPHA CALFHA	* " " "	4.520 PTOTL 10.390 BETA 5.000 DBETA	
		RUN NO. 2	218/ 0 RN/L	L = 5.65						
<b>&gt;</b>	~	5	5	CL	Ş	£	ಕ	DLTALF	QLTBTA	×
**	15.72 15.43	10206	03290	62620°	.04096	12157	-,00005	5.00190	-4.01410	47753
22.52	99.475	.09533	.03820	.01633	09020	99020	00004	5,02090	-4.02070	.32889
99.821	199.100	.08656	.02933	60510.	.06318	.01543	00003	5.04070	-4.99169	.50543
130. But	500.565	_	CCC2C:	• "	000		2000			
					i		Í	1	1	:
<b>-</b>	2	Z .	۸ 3	¥ .	<u>ر</u>	<b>E</b> 6		CLTAL!	CLIBIA A 002 an	X 45010
201.410	-2.053	11366	.02663	.01812	.06867	.01256	00005	5.00010	-4.09910	.64638
199.860	\$0.708	.10221	.02651	.91667	.96673	.01902	+.00004	5.02220	-4.01885	.31147
199.945	199.685	.09952	.02621	.01329	.05274	.00661	00004	5.02350	-4.01240	.35110
201.190	390.765	.09785	20920	.61313	.01884	.00554	-,00004	5.04520	-4.05420	.57495
		RUN NO. 27	220/ 0 RN/L	L= 5.86						
>	~	3	5	ð	Շ	£	<b>ජ</b>	CLTALF	CL TB TA	×
400.060	-100.379	.11355	.02615	.01315	.04867	00319	00004	5.02450	-4.00950	.43757
400.090	.458	.11935	.02639	.01186	.04891	.00142	-,00004	4.98050	-3.97670	.24192
399.200	100.460	.19620	.02680	96010*	.94466	<b>100004</b>	-, 1,000,4	4.99150	-3.96619	. 29223
399.750	199.920	.19193	76930	.91157	.03637	.00015	-,00004	5.02200	-3.99100	.30700
6.2.750	396.960	.09768	.02549	.01401	.02526	.00392	0004	5.04900	-4.06680	.43898

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## AEDC/VA

(ATU075) ( 03 OCT 74 )

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VASSB (1ABT) -OLETISI-R/M SAB SEPAR.FROM OVET	
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** NMMER = 1258-5000 IN. YS  ** NMMER =		
TOD.110 .01962 .03023 .01061 .03762 .02710 .01962 .03023 .01061 .03762 .02710 .01962 .03023 .01061 .03762 .02710 .01962 .01322 .01297 .01067 .01694 .02293 .01322 .01322 .01339 .01339 .01299 .010392 .01322 .02217 0 RW/L = 5.85 .03773 .01346 .01296 .02217 0 RW/L = 5.85 .03773 .01346 .01296 .02217 0 RW/L = 5.85 .03773 .01396 .01096 .02217 0 RW/L = 5.85 .03773 .01396 .01096 .02217 0 RW/L = 5.85 .03773 .01396 .01096 .012217 0 RW/L = 5.85 .03773 .01396 .01091 .012217 0 RW/L = 5.85 .03773 .01231 .01231	MACH = 4.520 P ALPHA = 10.300 B CALPHA = -5.000 C	PTOTL = 90.200 BETA = .000 CSETA = -4.000
2 CN CA CLM CY CYN 100.115 .01962 .03023 .01061 .03762 .02293 199.940 .011496 .02396 .053467 .04694 .02293 490.990 .01322 .02396 .05339 .04299 .00372 RUN NO. 2227 5 RN/L = 5.85 190.040 .01356 .02224 .00593 .04619 .01096 201.960 .02013 .02224 .00593 .04619 .01096 399.800 .02401 .02224 .00593 .04619 .01096 2 CN CA CLM CY CYN 2 CN CA CLM CY CYN 2 CN CA CLM CY CYN 2 CN CA CLM CY CYN 2 CN CA CLM CY CYN 399.800 .02241 .002245 .03779 .00666 399.800 .02241 0.02217 0.00593 .00619 .00531		
Z CN CA CLM CY CYN CYN 1: 5.85 CN CA CLM CY CYN 1:00.040 .01356 .02224 .00593 .04199 .01096 CO .02013 .02224 .00593 .0419 .01096 CO .02013 .02211 .00245 .03775 .00466 CN CYN CYN CYN CA CLM CY CYN CYN CA CA CLM CY CYN CYN CA CA CLM CY CYN CO CA CA CA CA CA CA CA CA CA CA CA CA CA	COL DLTALF DLTBTA 00002 -4.99340 -4.01710 00002 -5.00210 -4.05120 00001 -5.00890 -4.04180	7A X 10 13392 10 23953 10 23953
Z CN CA CLM CY CYN 100.040 .01356 .02403 .01265 .04733 .01346 291.960 .02013 .02224 .00593 .04619 .01096 399.890 .0221/ 0 RN/L = 5.85  Z CN CA CLM CY CYN 548.940 .02827 .02213 .00662 .03379 .00531 199.860 .03047 .02205 .00354 .03213 .00532		
2 CN CA CLM CY CYN S4.940 .02827 .02813 .00562 .03309 .00532 .059.060 .03087 .02825 .00334 .03213 .00532	CBL CLTALF CLTBTA00000 -4.99430 -4.01040 -5.09860 -3.93550 -4.00390	74 X 1017964 5000589 611933
Z CN CA CLM CY CYN 96.940 .02627 .02213 .00662 .03309 .00631 199.060 .03067 .02205 .0334 .03213 .00532		
.02315 .05487 .03170 .03083	CBL CLTALF DLTBTA 0001 -4.93570 -4.02980 00001 -4.96540 -3.99800 00000 -4.96470 -4.01210	7.4 X 9012423 0012905 10 .09249

## (ATU076) ( 03 OCT 74 ) AEDC/VASZB (1A87) -OLETISI-R/H SAB SEPAR, FROM OVET

4 :33 4 = 4
ATA  DEFE = 1  TYMEF = 1  TYMEF = 1  ZYMEF =
FERENCE 00 39.7 00 INCM 00 INCM 00 INCM 00 Sec. 090 299.770

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047E 20 MAY 75	•			1467 TA	IABY TABULATED SOURCE DATA	MCE DATA				PAGE 319
			AEDC/V: 9	9([1487]-OLETISI-C./M SRB SEPAR.FROM OVET	1151-EM 5A	S SEPAR.FRO	M OVET		(ATUD76)	( 93 OCT 74 )
	REFERENCE DATA							PARA	PARAMETRIC CATA	
247 : 2006 1467 : 1290 1467 : 1290 1467 : 2008	2690.0000 96.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	23.00 P	1256.5000 IN. .0000 IN. 400.0000 IN.	2			MACH ALPHA DALPHA X		4.520 PTOTL 10.390 BETA -5.000 DBETA 500.000	1, = 90.200 1 = .000 1A = -4.000
•			2867 D RBVL.	•	5	CYN	<b>G</b>	DLTALF	DLTBTA	×
490.490 490.690 396.52n	90.930 201.105 405.605	.01 <b>695</b> .02710	.02209 .02209 .02313	.01037 .00300 .00397	.0332 .0332 .03028	.00746		-5.06560 -5.02380	-3.69970	300.06000 299.86000
			AEDC/VA\$20	AEDC/VAS28 (1A87) -OLETIS1-R/M SHB SEPAR.FROH OVET	T151-RAH SA	B SEPAR.FR	¥ o£t		(ATU077)	( 03 OCT 74 )
	NETENBICE CATA	2						PAR.	PARAMETRIC DATA	•
200 : 200 100 : 120 100 : 200	2690.0000 94.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	M H H H H H H H	1258.9000 IN. .0000 IN. 400.0000 IN.	. 75 . 75			MON ALPIA CALPIA		4.526 PTOTL 10.309 BETA .000 DBETA	7. : 90.200 A : .000 TA : -8.000
		RUN NO. 2	228/ 0 RHVL	5.86						
٠	~	8	5	ş	Շ	ž	중	CLTALF	CLT8TA	×
200.610	-10	.04503	.02255	.02423	.06135	01810.	10000	.01186	-6.04190	20537
201.130		.06393	50220	92010.	16690	99020	+.0000 +.0000	.01956 F.F.	-8.03820	02013
200 102 200 130	199.060 399.670	.05378	.02520 90520	.00798	.06614	.09571	0002	01930	-7.99280	.04817
		RUN NO. 2	227/ D RN/L	5.85						
•	•	3	3	CLM	გ	ž	ಕ	CLTALF	Q.TBTA	×
399.670	-100.140	.06185	.02796	.01464	.00552	11200	10000	.01547	-7.99020	09579
400.670	-	.96520	.02466	.01289	12690	910.	00002	19690.	-6.03210	C1860
491.319		.06855	99720	77900.	.07255		0000	12509	-6.09640	2010. 27379.
400.050	198.419 399.779	.05963	.02570	.00038	.059 <b>63</b>	.00277	0002	.91275	-7.99110	14365

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(ATUD78) ( 03 OCT 74 )

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EPAR	
AEDC/VAS20 (IABY) -OLETISI-R/H SAB SEPAR.FROM OVET	
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	REFERENCE DATA	ATA						4	PARAVETRIC (	DATA		
SAEF = 2690.0900 LAEF = 1290.3900 BAEF = 1290.3900	.3555 INCHES .3555 INCHES		1256.5000 IN. 7 .0000 IN. 7 400.0000 IN. 7	2			MACH ALPNA CALPHA		4.520 10.300 000.	PTOTL BETA CBE :A	90.209 = .000 = .000	222
אנאונ ב	.010.	R O	229/ D RH/L	RN/L = 5.85			×	н	71.00 <i>0</i>			
-	~	3	3	ð	S	ž	ਵੱ	OLTALF	CL.78		×	
201.579	-190.180		20620	.91781	.06834	.02142	00002	.01672	-0.0421		300.04900	
197.490	-1.200		.03086	.91661	.05583	.02640	-,00004	.05490	-7.9266		.44000	
201.320	99.981		.03208	.01519	.07556	.02924	+.00004	.51305	-8.0342		.76000	
199.930	199.940	.05472	.02932	.00890	.08859	.02162	00003	.01029	-8.512.60		0.77093	
202.030	399.250		.02529	.00813	.95826	50000	-,00002	96900	-8.0766		350.18900	

## (ATUD79) ( 03 OCT 74 ) AEDC/YAS28 (1A87) -OIETISI-R/M SAB SEFAR, FROM O/ET

REPERENCE CATA

PARMETRIC DATA

6.13975 X -7.99000 -6.139150 299.95000 -7.98480 299.91000 -7.91780 299.73000 -7.99925 299.78000

DLTALF .01743 .05609 -.05766 -.02161

.00002 -.00001 -.00003 -.00002

CN .00771 .01064 .01127 .00620

CY .09133 .07360 .07360 .07259

CLM .01260 .01582 .01972 .05918

CA .02539 .02619 .02457 .62507

CN .06390 .05738 .06563 .06401 .06224

289.750 289.620 289.420 289.420 289.420

101.010 205.490 399.730 -.00

2 -100.160

RH/L = 5.86

RUN NO. 230/ 9

299.95000 299.91000 299.73000 299.78000

# <b>19</b> #	2690.0000 54.FT.		**	1250.5555 IN. XS	# 5	4.520	P TOT	**	90.200
. 65	1290.3000 INCHES	A SECOND		YHARF E CODD IN. YS	ALPHA = 10.300	10.300	BETA	"	BETA = .000
	BREF : 1290.3000 INCHES			400.0000 IN. 28	CALPHA =	\$.000	CBETA	**	9.000
SCALE :	0016.				# *	300.000			

## PH. 2.85 RUN NO. 232/ 0

×	299.71000	00,0000	00.06000	00.01000	90.19999
	-8.02100 2	•			•
OLTALF.	5.01540	5.01490	5.02340	5.02330	5.02220
ਵ	00006	90000:-	00005	00003	00003
Ē	.02355	.02743	.02317	.01648	.00379
Շ	.05661	07520	19322	. 19174	.06893
3	.02530	02220	.01644	.01530	.01190
5	08280	.03475	.03554	.03255	.92773
5	.19160	.10790	19861	.99363	.09609
~	-100.000	163	79.467	199.595	399.440
•	200.660	201.019	200.600	200.900	06#·102

DATE 20 HAY 75	•			1 701	IAST TABULATED BOUNCE DATA	UNCE DATA				PAGE 381
			AEDC/VASE	AEDC/VASSE (1A27) -OLETISI-R/M SAB SEPAR.FROM O/ET	F181-R/H BR	B SEPAR.FIK	¥ 041		(470074)	( 03 OCT 74 )
	REPERENCE DATA	4						PAR	PARAMETRIC DATA	
2000	Peen, none se.FT.		1256.9000 IN.	H. KS			4			*
			.N1 0000				ALPHA			
		-	400.000 IN.	£ 33			DALPHA	H	5.000 C8ETA	E -6.930
							×	1 300 1	300.000	
		RUN 100. 2	231/ 0 RM/L	5.06						
1	1	ä	3	3	2	Ē	ŧ	DITALF	CL TB TA	×
- 4	· ;	5			5000	77410	0000	5.07500	•	299.99000
900.340	062.101-	4:5:	1687.		27780	99010	,0000	5.06390		300.29000
		21001	27720.	.01353	,0eec	.00741	00004	5.04470	-6.06450 3	300.22000
94.72	199.920	1054	.02750	.01246	.0e194	75b00.	00004	5.01250		300.27000
400.070	399.990	09660	.02796	.01416	.05574	.00537	*0000	5.01600	-7.99970	599.88000
			AEDC/VASE	AEDC/VASES (IAS?) -CIETISI-R/H SAB SEPAR.FROM C/ET	T181-RA 98	B SEPAR.FR	¥ of		(ATUDBO) (	( ns oct 74 )
	ACTENDICE DATA	2						PAR	PARAMETRIC DATA	
	Peen, mm sa.FT.		1256.5070 IN.	Z.			101	H	4.520 PTOTL	*
			1 0000				AFTA			н
			1 0000.000	ir. 23			AFOLIS ×	,, ,,	5.970 DBETA .971	900. <del>1</del>
		. CX	2337 G BW	BW. = 5.65						
-	~	3	5	3	Շ	Ē	ŧ	CL TALF	Q.1814	×
201.102	-100.130	41211.	01820	.02410	96690	.C2659	00007	5.01710	-6.05120	.36705
200.00Z	163	.11421	97930	26010	1001.	36030	-,0000	3.02019		10717
199.950	99.ESS	76701.	25820	.01574	.1003	X 6	10000	2000	12 9EU 9	36625
199.38	39.590	10026	71820.	71810	.05969	19800	0003	5.05930	-7.97980	.33125
		- O	234/ 0 RWL	L = 5.65						
•	•	3	5	*	5	Ē	ਵੱ	CLTALF	OLTB TA	×
	-100.360	.11466	77926	.01557	.00064	IMGO.	+000G*-	5.02090	-6.01970	.62745
200.16	. 77	11302	.92744	100.10	.06570	.00644	00004	4.96860	-7.94510	.19492
39.360	100.310	.1000	19430.	.01234	.06425	.00369	0000	4.99049	-7.93830	.25933
347.440	200.200	.10503	21920.	.9116	.97661	20100.	**************************************	4.99060	-7.93430	.19026
346.730	389.120	01001.	.02720	96810.	.05376	\$1700.	00004	5.04650	-0.06800	.41666

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( 93 001 74 ) (ATUDB1)

## AEDC/VASEB (IA87) -CIETISI-R/H SHB SEPAR.FRCH O/ET

PARMETRIC DATA	4.320 PTOTL = 90.200 10.300 BETA : .000 -5.000 DBETA : -4.000	DLTB1A X -6.0353031526 -6.0369004082 -6.02300 .06628	UF 0.1814 X US -7.965002130 -7.9901009657 US -7.9693012946 (ATURE) ( US OCT 74 )	4.820 PTOTL = 90.820 10.300 BETA = .000 -5.000 CBETA = -6.000	CLT8TA X -8.74239 299.67000 -8.1469 299.94000
PAR		0.74/F -4.966/10 -4.966/20	DLTALF -4.99030 -4.96260 -4.96360	MACH = 4 ALPHA = 10 CALPHA = -5 X = 900	DLTALF -4.94590 -4.98680 -4.98580
	175×		CBL -02001 -02001 -02000 -02000	₹₹ö×	CBL 0000 <b>P</b> 00003 00001
		CAN .02533 .02633 .026303	CA CLM CY CYN CBL .02588 .01289 .07187 .00549 .000 .02258 .00404 .05381 .00948000 .02391 .00422 .05234 .00398000		CYN 
	,	CY .06632 .07737 .07243	CY .07187 .06361 .06234	_	CY .05641 .06754 .96976
	222	CLM CLM 1 .01136 3 .00460 6 .00460	CLM -01289 -00404 -00422 -00422	00 144. XS 20 144. XS 20 144. ZS 20 144. ZS	CLM -00736 -00519 -00373
	.0000 1N.	A C /855	C4 .02588 .02558 .02391	: 1256.9000 IN. X3 : .0000 IN. YS : .400.0070 IN. Z3	
474		.01603 .01603 .01633	Ca .01561 .03111 .02530.	1 1 9 2 1 2	CM CA
AEPENENCE DATA	2690.0000 86.FT. 1290.3000 INCHES 1290.3000 INCHES .0109	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 100.093 190.830 390.850 390.850	2960.0000 86.FT. 1290.3000 INCHES 1290.3000 INCHES	* 8 .134 19 .80 89 .80
	3907 : 2500 1907 : 1250 1907 : 2500	v 800.770 800.900 871.640	> 88 89 - 80 80 - 80 8	100 - 100 100 - 100 100 - 100 100 - 100	801.000 805.540 800.110

TO THE PROPERTY OF THE PROPERT

CLTBTA X -7.99759 399.17999 -8.14959 399.09999 -7.99719 399.00999

DLTALF -4.96660 -5.03420 -4.99115

CBL .90000 -,00001 -,00001

CYN .020850 .01169

CY .07699 .06575

CUs .01942 .0734 .07392

CA .92469 .02355 .02372

20.0. 20.0. 73.20.

2.076 20.360 349.010

\$8.5% \$70.1% \$4.0% >

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( 93 OCT 74 )

90.200 5.400

ت چ	CATA	PTOTL BETA DBETA
(ATCD83)	PARAMETRIC DATA	4.520 000. 000.
		" " " "
<b>5</b>		MACH = ALPHA = DALPHA = X
AEDC/VASEB (IABT) -OIETISI-R/M SRB SEPAR, FROM OVET	REFERENCE CATA	SAET = 2880.0000 54.FT. NAMP = 1258.5000 lW. XS LRET = 1290.3000 lWCHES YMMP = .0000 lW. YS BAET = 1290.3000 lWCHES ZMMP = 400.0000 lW. ZS WCALE = .5100

### 0474F .04536 -.03516 -.04221 .05670 .00000 .00000 .00001 .00001 .00001 .00784 .00695 .00695 .00647 .00125 -.01321 -.01567 -.01253 RH/L = 5.86 CUM .00560 .00433 .00006 -.00730 CA .03**292** .03**242** .03301 .03246 RUN NO. 243/ 0 CN -.00585 -.01867 -.02142 -.02020 2 -99.945 1.965 102.010 199.610 899.860 10.149 7.651 9.927 10.520 15.643

.01927 -.08039 -.01345 .92643

0,7874 .01764 .06529 .01411 -.01094

		FE NO.	24c/ 0 RM/L	/L = 3.83						
~		3	5	CLM	Շ	É	ŧ	DLTALF	CL TBTA	×
5	0.77.0	.99118	.92753	.00261	10600	.00218	00000	.05632	.06432	.01236
•	1.669	01305	26080	.00461	.00430	79500.	100001	.11393	07596	03469
5	0.130	01954	69086	.07239	06000	99800	10000	501105	16600	00122
٤	9.169	91429	.92461	00261	00844	-,00059	00000	.05773	- 09555	.91415
5	461.320	19600	.02253	-,00342	91812	00222	00001	01969	- 06476	1810

Q. TBTA	•			·	
STAF	.05465	.06797	.00578	00591	.05803
ŧ	00000	10000	cooo.	00001	00061
Š	00540	00581	-,00451	00359	00471
Շ	.00460	SOMO.	- (10097	00744	516.5
נו	.00113	6970.	.00195	-,00092	. Gritza
25	.02444	.02577	.02439	2348	.0220.
8	00044	01143	180101-	26905-	01034
~	-100.090	297	100.010	616.003	399.495
>	P. C. C.	199.019	200,720	200.350	196.773

THAL = 5.86

RUN NO. 2417 D

x .04429 .07558 .06992 .06992

		SCN NO.	NH 0 /0+2	PH/ = 5.85						
<b>&gt;</b>	~	3	3	ð	Շ	Ē	ਚੱ	CLTALF	CL TBTA	×
400.919	-199.260	00053	SUK SU.	-,00035	00617	91130	10000	197.90	.03364	05016
479.319	136	99955	.02276	-,00060	00009	00956	100001	.04065	503.62	*.06671
400.335	150.06	97212	.02209	-,50000	92600	00941	100000	.04145	56769	10993
107.00	200.000	SG3A2	17550.	.00031	01949	19600'-	100000	.04337	01597	.03015
470.435	477.345	05439	.02202	02008	91360	-,90900	00000	.03276	-,951.57	55584

(ATUDA4) ( 93 OCT 74 )

# AEDC/VAS28 (1A87) -QLET1S1-R/H SAB SEPAR.FRON O/ET

2.0000 99.FT. XMRP 10.3000 INCMES YMRP 10.3000 INCMES ZMRP 10.3000		20 IN. XS 20 IN. YS 20 IN. ZS 20 IN.	CY 00797 020040 02629 02603 01580 01580 01580	CYN .071620 .07520 .07220 07130 07130 CYN .07312 .07242	ALPHA ALPHA X X X X X X X X X X X X X X X X X X X	# # 90 # 90 # 90 # 90 # 90 # 90 # 90 # 9	4.520 PTG400 BEI .000 CBE 500.000 500.000057 81 6058 84 7058 99 7058 99	74 = 9 74 = ETA = ETA = 299.930-30 299.930-30 300.120000 300.1300000 X X 299.970000	2, 200 2, 400 2, 200 2,
7 CN NO 101247			CY 00797 02689 02603 01580 CY 01060	CYN .07620 .07597 .077290 09028 09130 .00512 .07242 .07242	.00001 .00001 .00001 .000001 .000001 .000001 .000001 .000001	0LTALF .09548 .04055 .06211 .0456 01057	0, 1814 -, 106 181 -, 108 44 -, 1014 171 -, 1014 171 -, 1016 191		
2 CN -101.2700124716401793 99.55501965 800.02001766 601.59001766 1.10501775 190.97001771 399.85001771 399.85001771 290.85001771 399.85001771 399.85001771 399.85001771 399.85001771 399.85001771 399.85001771	CA .02351 .0231 .0231 .0231 .0231 .0316 .0316 .0316 .0316 .0316 .0316 .0316	ាំខ្លួត់ខ្លួត " ១១៩៩៩	CY 00797 02040 02603 01580 CY 01580 01580	CYN .07620 .00507 .00280 00120 00130 CYN .00312 .00242	COL. 100001 100001 100000 100000 COL. 100000 100000	0474F .09548 .04055 .06211 .04366 01057	0,1814 06181 08842 08471 09699 09699		
-101.270012471640179316401793164017930176601766017660176701770	2220. 10120. 10231. 2245. 10221. 103144. 103144. 103144.	ब्रुक्ट्रिंड " वेश्वेर्	00797 02609 02603 01580 01580 01580	.00507 .00507 .00507 00028 00130 CYN .00512 .00242		.09548 .04055 .04055 .04366 01057 .04372	05781 08846 05677 05699 05699		
200-02001768 200-02001768 200-02001768 201-30001768 201-30001770 290-30001770 290-30001770 290-30001770 290-30001770 290-30001770 290-30001770 290-30001770 290-30001770 290-30001770 200-30001770 200-30001770 200-30001770 200-30001770 200-30001770 200-30001770 200-30001770 200-30001770 200-30001770	2457 0 24	ន់ទំនួន "	02000 02600 02600 01500 01500 01500	.00507 .07290 .07290 .07130 .07312 .07242 .07242	.0000. .0000. .0000. .0000. .0000.	.04055 .06211 .04366 01057 .06372	08844 02677 05699 05699		
200.02001256 401.36001760 RUN NO.  Z CN -100.87001270 100.16001770 290.87001770 290.87001770 290.87001770 290.87001770 290.87001770 290.87001770 200.88001770	. 0231. . 0254. . 0278. . 03144. . 03144. . 03156. . 03156.	ទំនួន " និងនិងនិ	01560 02629 01560 01560 01033 01033	CYN CYN CYN CYN CYN CYN CYN CYN CYN CYN	00000; 00000; 00000; 00000; 00000;	.06211 .04366 01037 CLTALF .06372	05677 05699 05699		
E00.02001256 401.56001768 -100.87002626 1.10501172 190.18001717 299.83001717 299.83001716 -100.83001705 199.93001705 199.93001705 7 CN -100.82001705 199.93001705	0.250. 0.727. 0.727. 0.736. 0.936. 0.936. 0.936. 0.936.	ម៉ូម៉ "	01580 01580 01580 01580	00130 00130 CYN .00512 .00242 .00242	00000. 00000. 00000. 00000.	01366 01037 CLTALF .06372	7.105699 05699 ATBTA		
### NO 01766  ### NO 02626    1.103	0.727. 0.727. 0.7314. 0.7326. 0.7326. 0.7220.	ខ្ ្ ១៦៦៦៦	01580 01580 01580	CN CN COS 120 130 130 130 130 130 130 130 130 130 13	COCCO: - COC	01057 CLTALF .08372	05699 05699 CLTBTA		
7 CN -100.8700.0526 10.1050.1172 10.1050.1172 201.8700.1170 299.9300.1170 299.9300.0965 -100.8300.0965 199.9300.0966 296.9300.01705 199.9300.01705 199.9300.01705	CA CA .03144 .72967 .03127 .03187	្នា ភិស្តុស្តុ	CY -,00033 -,01948 -,01948	CYN .00512 .07242 .07209	000 - (0000) 10000)	BLTALF .08372	CL 78 TA		
7 CM 1,10505626 1,10501172 190.18001972 291.87901710 399.83901710 7 CM 1199.83000995 33900995 199.83001702 199.83001702 199.83001702 199.83001702 199.83001702 199.83001702 199.83001702 199.83001702		CLM .00140 00162 00164	-, 00033 -, 00948 -, 01360	CrN .00512 .0/242 .0/209	.00000 .00000 .00000	CLTALF .08372	CL TB TA		
-100.87005626 1.10501172 201.87901710 290.83001700 -100.83000995 -3390926 90.81601702 190.83000926 190.83000926 2 CN		.00009 00009 .00162	-,00033	.00512 .07242 .07209	00000;- 00000;	.08372	01797		
1.10501172 190.18001972 299.83001963 2 CN00965 -100.83000965 -100.83001705 199.83001705 199.83001702 396.42001702 7 CN00966		0000	01360	.07242 .07209	100000.		11.		
100.18001972 291.87001710 399.83001710 RUN NO. 7 CN -100.83000095 -133901705 199.83001705 396.42001702 7 CN		.93162	91360	60 <b>2</b> 00	100001	- 0.067	.07681		
299.83001710 299.83000963 -100.83000995 33900995 199.83001727 396.42000796		93264		7300		.97245	.02531	299,97500	
290-03000963 RUN NO. 2 CN 100-03000095 33900796 90-10001027 390-42001027 390-42000796			11010		00000	51931	01929	390,03909	
FUN NO.  2 CN -100.8300009533900985 190.83001705 390.420017027 390.42000790		00525	01911	00245	-,90000	.94742	01439	299.91500	
2 CN -100.83000095 -33900965 96.81601705 196.83001027 396.42000796 RGN NO.	2467 S RNA	1 = 5.86							
-100.83000085 3390026 90.81601705 190.83001705 390.42000790 RUN NO.	đ	<b>M</b>	ځ	ž	륟	CLTALF	CL TB TA	×	
33900326 90.81601703 199.93001027 398.42000798 RUN NO.		00100	.00539	00053	-,99000	16591	.01694	299.96000	
190-31001/02 190-33001/027 390-42000790 RUN NO.	.02035	.00184	70900	91000	-,00000	.93824	54515	299.95000	
199-85001027 396-82000798 RUN NO.		.00328	.901.07	-,90064	.00001	12549	06795	300,09000	
396.42900798 RGN NO.	•	96125	-,93754	-,00235	00000	.06034	-,63527	3/10.03/200	
TO NO.		95255	-,51649	4.970	00001	.1514	218	300,01906	
~	247 5 RHAL	L = 5.86							
	5	נר	ځ	Ē	ਉ	CLTALF	C. 3TA	×	
CC107:- CC2:CC1- DGG:1G9	.02441	.07050	57000	91143	00001	.04579	0:625	299.94930	
052		98100.	95631	51983	199501	.05215	51481	299.96500	
129.339	·	OKKO9	90731	90739	00001	172382	Fek 55	300,00,000	
198.970	•	.00003	00936	-,00759	-,99691	.54566	-, '754.84		
399.679		.00135	91275	€6000	90001	1,067.85	.03597	299.94005	

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(ATUD65) (: 53 OCT 74 )

(ATUD65)
AECC/VASCB (TABT) -OI ETISI-R/H SAB SEPAR, FROM OVET

21 : 220 21 : 230 21 : 230											
	Peen, my A.FT.	100	1258 SOOT IN	¥			5044	,,	4.520	PTOT!	20.20
	_		. M. 0000				A PA				5.400
	1295.3505 INCHES	2000	400.0000 IN.				CALFHA	•		_	666
KALE :	aala.						*	<b>.</b>	500.000		
	_	2 .CM M2	2517 D RH/L	n = 5.16							
>	~	3	5	3	S	ž	ಕ	CLTALF	CL TB TA		
150.0	929.86-	<b>1621</b> 6.	.02825	A1700.	02187	929GO	00000	4.97525	002 34	00066.665 8	_
1.654	1.324	.00648	.02301	.00539	(12425	.90365	-,00000	4.99140	.97261	1 299.84000	_
4.311	190.649	00970	. F.2 3.2 6	.00343	52341	.00039	00001	5.01560	094.80		_
9.546	_	.01406	105.20	. 90434	02248	90806	10000	5.06810	.07867		_
19.673	1999,799	92900	.02595	-,(43275	01639	\$0000	1000G*-	5.74790	D11 34	360.11900	_
	-	RUN NO. 2	2507 0 RN/L	n 5.86							
>	~	3	3	ð	ځ	₹	ਵੱ	CL TALF	OL TB TA	×	
199.719	090.001- 0	\$1510.	.93169	71116.	-,00550	19800	00001	5.04260	00397	7 300.07000	_
132.251	1.149	.01004	78180.	78600.	01065	.07266	100001	5.57460	94595-		,-
99.747	28.675	.01056	12189	.00743	01223	.00023	100001	5.19410	.03158		_
190.619	0 159.749	50010	09080	.95413	-,51000	10200	100001	5.04760	.07633		_
101.740	1 490,960	.91975	.02265	25100	-,01435	-,56196	-,00001	4.990@		3 299.95000	
	-	RUN NO. R	249/ 0 RN/L	r = 5.86							
•	~	3	3	Ç	Շ	Š	ŧ	OLTUP.	CL TB TA	×	
200.780	050.001-0	.01697	125643	<b>70230</b>	00362	00013	10000	5,04940	00900	0.050000	_
C01 - 660	.313	.91148	.02639	S216.	03446	SO195	-,90900	5.04630	06228	3 299.95000	_
200.170	191.625	.01341	95926	.95716	95676	.00105	99501	4.95690	9000	299.90000	_
136.910	3 200.630	03.85	.02359	.00459	12210	71020	100001	4.96545	.04381	350.52500	_
200.765	299.660	91016	31825.	.00450	10216*-	95454	100001	5.04960	91429	396,93500	_
	-	NUM NO. 2	248/ 0 FM/L	r = 5.86							
•	~	3	5	5	S	£	ਵੱ	CLTALF	OL TB TA	×	
388.819	Ŧ	01930	.02309	190647	-,01396	50724	10000	5.97160	.92392	300,02000	_
490.790	224	02020	.02202	.00470	01369	00573	100001-	5.03619	01820	350,04500	
601.300	199.149	.91603	.02303	.00535	01392	00642	00001	5.02940	63291	399,02900	
491.049	692"WZ (	2416.	105.50	.03657	91454	99747	00001	5.52900	93850	1 300.18000	
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C DATA	PTOTL = BETA = CBETA =		18 TA
PARAMETRIC DATA	4,320 6,400 6,900 6,900		DLTALF CLTSTA
1			747
	ALPHA E CALFHA E		٥
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	900 1 900 1	3	
	8. <b>88</b>	0	:
		25.2	
DATA		RUN NO. 2527 0 RW/L = 5.86	i
4CE 04	. F. T. C. C. S. C. C. S.		
REFERENCE	8 8 8 8		(
¥	X.0441 X.0441		
	* * * *		
	DACF : 200.0000 54.Ft. XXXF : 1250.5000 1N. XS LREF : 1200.3000 1KHES		

19-20	•	•	,	5	M TO	S	£	é	D. TALF	2, 18 TA	×
100.004	- (	. :	200	49110	918	10101	.01062	10000	5.03400	20110.	07025
199-187 - 01223 - 01234 - 01131 - 00334 - 00701   5.0449   0.0234	12.416	-11.75	8 C. Ko.	9000		***************************************		60000	A 126785	.00632	1327A
190,080   .01222   .00222   .00469  01134  00204	15.73	\$10	.01251	0230	127,103	Colo.					1881
199.170   100046   103124   -101156   -101151   -107051   5.04160   -107161   196.175   196.175   -107051   5.04160   -107161   -107051   5.04160   -107161   -107051   5.04170   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101164   -107051   5.04270   -101664   -107051   5.04270   -101164   -107051   5.04270   -107051   -107051   5.04270   -107051   5.04270   -107051   -107051   5.04270   -107051   -10705			22216	.03252	.00489	01363	07,440	- 0000K	5.04140	- 3.00	. 1634
1346   10107   102307   10114   -101645   -101091   5.11210   103675     1346   10107   102307   10114   -101645   -101091   5.10447   -101174     1346   10124   10227   101417   -101556   100514   -101091   4.96617   -101174     1346   10124   10227   101417   -101556   100514   -101091   4.96617   -101265     1346   10124   10227   101417   -101556   100514   -101091   4.96617   -101265     1346   10124   10227   10227   101642   -101091   -101091   4.96617   -101265     1346   10124   10227   10227   101642   -101091   -101091   5.10479   -101264     1346   10124   10227   10227   -101042   -101091   5.10479   -101264     1346   10124   10227   10227   -101092   -101091   5.10799   -101364     1446   10124   10227   10227   -101092   -101091   5.10799   -101364     1446   10124   10227   10242   -101092   -101091   5.10799   -101364     1446   10124   10227   10242   -101092   -101091   5.10799   -101364     1446   10124   10227   10242   -101092   -101091   5.10799   -101364     1446   10124   10227   10242   -101092   -101091   5.10799   -101364     1446   10124   10227   10242   -101092   -101091   5.10799   -101364     1446   10124   10227   10242   -101092   -101092   -101092   -101092     1446   10124   10227   10227   -101092   -101092   -101092   -101092     1446   10124   10227   10227   -101092   -101092   -101092   -101092   -101092   -101092     1446   10124   10227   10227   -101092   -101092   -101092   -101092   -101092   -101092     1446   10124   10227   10227   -101092				74170	97156	01151	£6500.	100001-	5,04170	121.69	09745
The color			17010.	06820	11106	01645	90305	00001	5.11219	.05675	.21618
CA					•						
C					* · ·						
-100.100 -0.10444 -0.02777 -0.11417 -0.00554 -0.00511 -0.00201 5.04470 -0.01104 -1.376 -0.01444 -0.02777 -0.11417 -0.00554 -0.00201 5.04470 -0.01104 -1.376 -0.1103 -0.02347 -0.01216 -0.00495 -0.00564 -0.00201 5.04270 -0.01294 -1.956.610 -0.01103 -0.02347 -0.00499 -0.00544 -0.00201 5.04290 -0.01294 -1.956.610 -0.01103 -0.02347 -0.01397 -0.01242 -0.00201 5.04290 -0.01294 -1.566 -0.01103 -0.02347 -0.01397 -0.01242 -0.00201 5.04290 -0.01294 -1.566 -0.01273 -0.0232 -0.01347 -0.00201 5.04290 -0.01344 -1.566 -0.01273 -0.0232 -0.01363 -0.01347 -0.00201 5.04290 -0.01344 -1.566 -0.01273 -0.0222 -0.01276 -0.00201 5.04290 -0.01344 -1.566 -0.01273 -0.0222 -0.01276 -0.00201 5.04290 -0.01344 -0.01273 -0.0223 -0.0429 -0.01376 -0.00201 5.04290 -0.01344 -0.01274 -0.01274 -0.00201 5.04290 -0.01344 -0.01274 -0.01274 -0.00201 5.04290 -0.01344 -0.01274 -0.01274 -0.00201 5.04290 -0.01344 -0.01274 -0.01274 -0.01274 -0.00201 5.04290 -0.01344 -0.01274 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.01274 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.01274 -0.01274 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.01274 -0.00201 5.02290 -0.01274 -0.00201 5.02290 -0.01274 -0.00201 5.02290 -0.00201 5.02290 -0.00201 5.02290 -0.00201 5.02290 -0.00201 5.02290 -0.00290		ı	į	į	7	2	Š	ŧ	CLTALF	CL TB TA	×
1.376 0.01844 0.02847 0.0121600429 0.00678 0.00578 0.00229 0.01294 0.00262 0.00229 0.01294 0.00262 0.00229 0.01394 0.02897 0.02897 0.01244 0.00669 0.00262 0.00294 0.01033 0.02397 0.01242 0.00297 0.01242 0.01034 0.02397 0.01242 0.00297 0.01242 0.01034 0.010342 0.01244 0.00292 0.01242 0.00293 0.00293	-	~	5	5	,			1000	5.04470	91154	1500.
1.376 .01369 .02267 .00629 .00628 .00966 .00901 5.04290 .00222 .00222 .00322 .00103 .00922 .02267 .00499 .00494 .00962 .00963 .00222 .00222 .00922 .00322 .0	100.790	-100.100	2010.	11120	1916.	2000		1000	A GRAID	03626	05007
### 1 - 01249	191.379	1.378	9810.	E 20.	91216.	C6 W 3.	1000	10000	2000	0.207	68140
199-610 -01103 -02397 -0340901664 -070377051031 3-04969 -070664	190,760	3.5	67710	76750.	.00 <b>66</b> 0	00622	9616	1000	0.0000	10 cm	
### NO. 254/ 0 RN/L = 5.06  #UNI NO. 254/ 0 RN/L = 5.06  -101.530		189.610	.01103	.023e7	90409	01064	7000	5.000	3.14763	3337	20001
CN   CA   CLN   CY   C.14   CBL   CLTALF   CLTBTA    -191.559	199.339	399.660	\$2600.	02820	76800.	51242	-,00434	99901	5.04960	05684	
2 CN CA CLM CY C.++ CBL BLTALF BLT8TA -101.530 .01757 .02277 .011610100200277 .00001 5.19900 .01542 -1.266 .01873 .02329 .02411010020014700001 5.19900 .01542 -1.266 .01873 .02329 .02429011760014700001 5.19900 .01542 -199.690 .017*/ .02321 .02603011760014000001 5.19900 .01542 -199.690 .01172 .02325 .004290117600724 .00001 5.1942001392 -199.690 .01172 .02346 .00429011760073600701 5.1942000394 -199.230 .01122 .02346 .004390117600701 5.194200039 -199.691 .02156 .02276 .004390157600701 5.037690099 -199.691 .01219 .02276 .0043901593015760001 5.037690039 -199.791 .01139 .02276 .004390114900701 5.037690039					Λ = 5.86						
-101.550 .01757 .02477 .011610100200217 .00001 5.10900 .01542 -101556 .01673 .02470 .010470014700001 5.06470 .01565 -1056470 .021565 .02156 .01176 .0214700001 5.0647001556 .01556 .01176 .0214700001 5.0647001556 .0215	,	•	3	3	X.	č	÷	ŧ	SLTAL F	A. 75 TA	×
-101.530 .0157 .02329 .004100147 .00001 5.0067001656	•	•	E .	,		60000	. 00977	10000	5.19990	.01542	. 15250
-1.866 .01873 .02329 .00603 .001126 .000140 .000001 5.0740 .00334 .00334 .00329 .00429 .001126 .00126 .000001 5.08270 .00334 .00334 .00324 .00429 .001126 .000001 5.09640 .00334 .00334 .00324 .00429 .001126 .000001 5.09640 .00334 .00334 .00329 .000001 5.09640 .00334 .00334 .00329 .000001 5.09640 .00334 .00334 .00334 .00334 .00334 .00334 .00334 .00334 .00334 .00334 .00334 .00334 .00334 .00339	200. 200.	-101-530	.51757	7.5	19117	20000		1000	A DARY	516.56	. 16/369
99.850 .01"7 .02321 .00603011260014000201 5.0427000374  199.850 .01162 .02325 .00429011760222900201 5.09640 .0.00374  199.850 .01162 .02346 .00660013530073600201 5.09640 .0.00374  2 CN CA CLM C CN CN CN CDL DLTALF DLT2TA 206 .01619 .02276 .00453015740076800201 5.037600738607376 206 .01619 .02276 .005460156900290 5.02690 .00236 .	£	- 76	.01873	. 72329	. 7.4611		181137	10000		60110	2445
199,000 01363 02325 00329 -01176 -00229 -00001 5.04270 -00334 396,420 01122 02346 00660 -051353 -00736 -000001 5.0940 00700 396,420 01122 02346 00660 -051353 -00776 -007001 5.09640 007000 -1206 01677 06221 00453 -01574 -00766 -007001 5.03760 -00736 -00790 00001 5.03760 -00736 007001 5.03760 -00736 007001 5.03760 -00736 007001 5.03760 -007001 5.0376	PM1.0350	C\$0.35	716.	12820	.00603	91126	00140	(88.01	0.07740	36 101	
396.429 (01122 (02346 (0666)61353007360001 3.09640 (1700) 844.40. 2557 0 EM7L = 5.06  1 CM CA CLM CY CYM CBL DLTALF DLT2TA  -100.230 (02150 (02270 (004330157400760 15.0376007356	200	100	.91363	.02325	62750	91176	62250*-	00001	5,04270	- 1913 74	Con
RUN NO. 2557 G RN/L = 5.86  2 CN CA CLM CY CYN CBL BLTALF BLTTAL -190,239 .02150 .02201 .00453015740076800001 5.0376907736 -206 .01677 .02276 .005460150500790 5.022890718 99,659 .01673 .02390 .076550168907083 5.05190 .07285 199,730 .01575 .02390 .076550168907083 5.05190 .07285		394.425	22116.	.02346	00000	51353	-,00736	-,00061	5.09840	<b>6</b> 66.	. 1959
2 CN CA CLM CY COM DLTALF DLTSTA - 100764 - 100001 5.03760 - 107364 - 10736 - 107364 - 10736					A = 5.86						
-100,230 .02150 .02201 .00453015740076000001 5.037600034600201 5.052000.41500.4001 5.052000.41500.40001 5.052000.41600.40001 5.052000.41600.40001 5.052000.41600.40001 5.05150 .0.4200 0.072450.46090.40030.40001 5.05150 .0.42000.40001 5.051500.40001 5.051500.40001 5.051500.40001	,	•	3	•	3	Š	ž	ਰੱ	CLTALF	P. ¹3 TA	×
-206 .01677 .02276 .00346015050079000001 5.052800.418 -206 .01677 .02390 .00555015630042200901 5.051500.090 199.730 .01515 .02390 .0072006390043900001 5.05150 .07245			42.60	18240	.00453	-,01574	00788	100001-	5.03760	986.37	0630
99,653 .016.13 .02390 .03655018630062200001 5.0614002090 199,653 .016.13 .02390 .072.85 199,730 .015.15 .00701 5.05150 .072.85 199,730 .015.15 .00701 5.05150 .072.85 .00701 5.0627007609		200	74470	0.7227	93548	01505	09790	100001-	5.05280	C. 1818	- 09697
199,730 01515 100001 000001 10000 - 100001 5105150 07285 100001 00000 00000 00000 00000 00000 00000 0000			11910	200	.07655	-, 51563	(56.822	-,00001	5.26140	060001-	1904C.
			36310	0.50	21700	01689	00839	-,50001	5.55150	CA2 85	. 52541
				1,220	200.2	127.63	-,00789	-,0000;	5,04275	- 00809	1,690

### 1487 TABULATED SOURCE DATA

PAGE 387

### AEDC/VATEB (1A87) -OIETISI-R/H SRB SEPAR,FRON OVET

(ATUD87) ( U3 OCT 74 )

	REFER	REFERENCE DATA	NTA						₹	PARAMETAIL DAIA	<u>.</u>		
SREF = 20 LREF = 12 BREF = 12 SCALE =	290,0000 1290,3000 1290,3000	SG.FT. INCHES INCHES	XHRP YHRP ZHRP	# 1250.5000 IN. # .0000 IN. # 400.0000 IN.	17. XS 17. XS 17. XS			¥4°×	MACK B ALPHA B CALPHA B	4.529 400 -5.990	PTOTL BETA CBETA	11 11 11	90.200 5.400 .000
			RUN NO.	259/ O RN	RN/L = 5.85								
<b>&gt;</b>	~		3	5	ð	Շ	Š	<del>ਰ</del>	DLTALF	SLTD IA	AT.	×	
11.635		.100	05379	.03272	90792	.00151	.00524	.00003	-5.00710	•	10	.12194	<b>1</b>
10.396		199.650	06141	.03367	01220	1,700	.00698	.00003	-4.94170	-	267	02973	יים!
<b>10.</b> Cr			RUN NO.	.4236U 258/ () RN	91949 RNL = 5.85	01824	90364	10000	. 93930	[2192	261	03049	<u>o</u>
>	2		3	5	3	ბ	Š	ē	OL TALF	AT 87. 12	¥	×	
101.149		99.989	04906	.93071	00568	.00279	.00394	.00002	-4.96420	02695	569	04208	90
100.670		200,000	05467	.02898	00489	00552	00069	50000	-4.95650	91177	2	.04268	<b>6</b> 0
100.220		.530	04191	.52371	00887	02263	00289	.00001	-5.01489	.00938	38	.12855	ŧņ.
		-	RUN NO.	257/ 0 RN	RN/L = 5.85								
>	2		3	5	ŧ	Շ	Š	ខ	CLTALF	्र.T8.TA	¥.	×	
200.960	_	100.040	04038	.02578	0225	00299	00462	10000	-4.95620	01919		12506	9
199.410		549	04289	.02566	-, 50328	01173	02467	10000	-4.97800	.01106		02043	ь.
199.445		0.370	03660	.02242	-, 00634	02552	00169	10000	-5.00230	02416	•	07551	•
		•	FUN NO.	256/ 0 RN	RN/L = 5.86								
,	~		3	3	ð	Շ	Š	មី	CLTALF	OL TB TA	<b></b>	×	
400.180	39.998	966	02261	.02230	00596	01667	90785	99099	-4.96900	00001	•	10359	œ
401.050		949	02537	.02264	00511	91678	00768	00000	-4.96360	02891	•	12676	40
400.460	400.080	090	52778	.02264	00419	91729	00085	-,00000	-4.96169	90311		417777.	_

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CATE 20 MAY 75

AEDC/YA528 (TABT) -OLETISI-R/H SRB SEFAR.FROM OVET

99.209 5.499 .990 (ATUD86) ( 03 OCT 74 ) PTOTL = BETA = CBETA = PARAMETRIC DATA 4.529 -.490 -5.990 MACH = ALPHA = DALPHA = XMRP = 1256.5999 IN. XS YMRP = .9999 IN. YS ZMRP = 490.9999 IN. ZS REFERENCE DATA SREY = 2890,0000 SQ.FT. LREF = 1290,3000 INCHES RREF = 1290,3000 INCHES

		RUN NO. 2	269/0 RN	RN/L = 5.85						
<b>&gt;</b> :	~	3	5	CLM	CY	CYN	9	DLTALF	CLTB TA	
12.094	200.110	79100-	.02133		1980	10000	20000	-4.96040	00746	399,94999
10.535	399.780	04865	.02958	01744	01950	00015	.00001	-4.94595	00441	
		RUN NO. 2	261/ B RN	RN7L = 5.85						
	2	3	5	3	Շ	Š	ಕ	CLTALF	<b>DLTBTA</b>	×
102.970	100.190	04289	.03037	00970	00194	52100	10000	-4.98100	93773	300,02000
199.649	200.579	05463	.03331	00778	00518	.00229	.00002	-4.94130	01973	300,00000
199.539	399.660	54398	.02394	01196	01977	00295	.0000	-4.94900	01346	299.90000
		RUN NO. 2	262/ O RN	RN/L = 5.85						
	2	3	5	<b>M</b>	Շ	Š	ಕ	CLTALF	CL TB TA	×
200.749	199,919	03903	.02891	-,00834	-,00279	.00121	.00001	-4.95650	01111	299,96000
202.900	199.580	04464	.02647	00539	03889	55218	.00001	-4.90930	04393	299.97550
200,279	397.965	03667	.02287	93826	02441	-,00240	10000	-4.89530	91166	299.85000
		RUN NO. 2	263/ 0 RN	RN/L = 5.86						
	2	ટ	క	Ş	Շ	Š	é	CLTALF	CL TB TA	×
400.360	199.039	52659	.02430	00407	01066	00891	00001	-4.95490	00868	299.96000
401.250	200.150	02655	.02242	05475	51780	00565	00000	-4.9698Ω	- 17.367	300.03000
090.67	399.750	03926	.02280	00353	51991	00695	00000	-4.94479	50805	299,98000

TABULATE
1487
2

PAGE 329	CT 74 )		90.200 5.400 -1.000
Ţ	80		11 11 11
	(ATUD89) ( 03 OCT 74	: DATA	PTOTL BETA DBETA
	(ATUD	PARAMETRIC DATA	.000
			11 11 10 14
			MACH ALPHA DALPHA X
	<b>H</b>		돌속일×
1A87 TABULATED SOURCE DATA	AEDC/VAS28(1A87)-O1ET1S1-R/H SRB SEPAR.FROM O/ET		= 1258.5000 IN. XS = .0000 IN. YS = 400.0000 IN. ZS
		CATA	XXARP S YARP
		SACE	MONE INCHE
		REFERENCE	9999
DATE 20 MAY 75		ť	146F = 1250.0000 30.FT. 146F = 1250.3000 1NCHES 86ALE = 1000.3000 1NCHES
ž C			
0476			SCALE SECTION

<b>&gt;</b>	2	3	5	Ę.	Շ	ع ک	<del>ේ</del>	DLTALF	CLTBTA	×
99.632	-101.500	00554	.02630	51500	.02862	.01285	00000	.11995	-3.89790	11118
00, 789	.038	01497	.02894	.00391	.01293	.01919	10000	.05116	-4.01649	09152
009.00	99.872	01637	.02807	00098	.00650	.91786	.00001	.05375	-4.00769	.00273
100.520	200.040	01381	.02370	00418	.00295	57010.	00000	.04214	-4.00350	10102
00.960	490.739	01100	.02198	00326	00014	.00233	-,00000	.91494	-4.03160	92650
		RUN NO. 2	265/ S RN/L	A = 5.86						
>	2	3	5	Ę	Շ	Š	<b>ਰ</b>	CLTALF	CL.TB.TA	×
00.00	-100.110	00375	.02529	.00070	03050	00142	0000	.04726	-4.00640	94666
061.10	592	01393	.02557	.50474	.02062	.03234	10000	.08583	-4.97659	03947
00.130	100.840	91474	12487	56200	.01227	.00375	100001	.01862	-4.01259	.01690
99.130	200.850	51186	.02333	00022	.06700	.00254	00000	00348	.7,96290	11888
96.519	400,100	00888	.02184	-, 50202	62000	.00130	-,00000	.01328	- 34940	19851
		RUN NO. 2	2647 0 RN	RN/L = 5.85						
<b>&gt;</b>	2	3	3	ŧ	Շ	3	ළ්	CLTALF	CLTBTA	×
092.00	-99.685	-, 00169	.02492	.00055	2120.	00910	-,00001	.01141	-3.96860	07233
99.490	927	09750	.52472	.00340	.01723	00739	-,00000	.09394	-3.92160	06396
00.970	99.746	06319	.02228	61000	80600	00284	05600	.04424	-4.91379	96000
402.150	200.430	00556	.02262	.00049	.05842	00306	00000	.02252	-4.05150	.11255
470	***	*0000	00000							

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			AECC/VAS28 (1A87) -OLETISI-R/H SRB SEFAR.FROM OVET		(ATUD	(ATU090) ( 03 OCT 74	oct 74 )	
REFERENCE DATA	2				PARAMETRIC DATA	C DATA		
 2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES	XMRP YMRP ZMRP	0 4 0	XMRP = 1256.5000 IN. XS YMRC : .0000 IN. YS ZMRP = 400.0000 IN. ZS	MACH = ALPHA = CALPHA =	4.529 400 .000	PTO1 BET	TL = 90.200 1 = 5.400 1A = -4.000	

LREF = 1295. BREF = 1295. SCALE =	1290.3000 INCHES 1290.3000 INCHES .0100	YHRP E	400.0090 IN. ZS				ALPHA CALFHA X		-,400 BETA ,000 DBETA 300,000	A = 5.400 TA = -4.909
		RUN NO. 2	267/ D RN/	RN/L = 5.85						
>	2	3	3	C.	Շ	3	G.	CLTALF	DLTBTA	X 200
98.633	-97.721	01018	.02876	.00133	.01752	.01431	.0000	-,13239	-3.99930	390.0000
190.629	194	51594	1,12683	10216		.01147	10000	.02792	-3.95180	300.01000
101.110	201.380	91299	60050.	00559	00238	.91187	00000	00353	-4, 12450	399,03999
190.680	399.620	01104	.02261	90426	90154	96100	00000	90950.	-4.01899	300.07000
		RUN NO. 2	268/ D RN	RN/L = 5.85						
>	~	3	5	5	გ	N.	ø	DLTALF	DL TB TA	×
200.420	-101.400	00195	.02696	.00139	.02070	.01115	00000:-	.09747	-3.99080	300.07000
201.630	905	00859	.92740	10000	.01786	.91175	00000	.04650	-4.02840	399,17998
200.790	99.944	01657	.02820	.00129	.01992	.51142	.00001	.05003	-4,01589	300,08000
205,800	199.980	01319	.02495	00098	.00640	.00759	00000	.04806	-4.00810	300.13000
200.160	396.890	-,00896	1:226.	00255	.95048	.00235	00000	.08099	-3.97979	395.13990
	· . •	RUN NO. 2	269/ D RN	RN/L = 5.86						
>	~	3	5	E.	Շ	ž	ಕ	CLTALF	CLTBTA	×
409.690	-100.000	55978	.02494	00000	.01723	00327	-,00001	.54610	-4.01280	299,94000
490.690	171	09659	.02436	.00188	.01754	00433	90000	.06704	-3.98790	300.01000
490.629	99.511	01172	.02522	.09416	.51414	00382	00000	.97476	-4.01290	299.93000
491.279	200.870	00597	. 52269	71000	.95763	00128	00000	01455	-4.05530	300,00000
399.349	399.645	95871	.52241	.00135	.00528	00295	00000	.05917	-3.46120	299.94555

CATE 25 MAY 75

**J** 

1A87 TABULATED SOURCE DATA

PAGE 331

(ATUB91) ( 93 OCT 74 )

AEDC/VA\$28 (IA87) -OIET1S1-R/H SRB SEPAR.FROM O/ET

5.400 BETA CBETA PTOT PARAMETRIC DATA 4.520 -.499 5.990 300.099 MACH = ALPHA = CALPHA = X

RN/L = 5.86 272/ 0 SCN NO.

= 1258.5000 IN. XS = .0000 IN. YS = 400.0000 IN. ZS

XXXXX YXXX

2699.0000 50.FT. 1290.3000 INCHES 1299.3000 INCHES

LREF

REFERENCE DATA

300.13000 299.95000 299.95000 299.89000 299.94000 OLTBTA -3.99410 -3.99290 -4.00950 -3.96910 -4.04620 5.04330 5.04330 5.05060 5.08010 5.04880 CBL -.00001 -.09001 -.09001 -.00001 CYN .01627 .01274 .00970 .00941 -.00392 -.00241 .00190 -.00088 .00183 CLM .01060 .00729 .00538 .02879 .02891 .02932 .03061 .01004 .01180 .01033 199.710 405.265 -.105 99.168 100.340 100.160 100.880 100.410 199.319

RN/L = 5.86 RUN NO. 2717 D

.00555 CLM .01134 .01018 15700. CA .Ω2666 .02817 .02695 .02404 .02230 .01217 .01290 CN .01867 .01395 2 -199.029 200.190 299.790 .919 201.020 201.040 198.720 197.930

300.09000 299.93000

-4.01700 -4.04230 -3.93980

299.84000 300.11900

-3.91480

4.99190 5.00030 5.03970

-.00001 -.00001

.01232 .00986 .00666

.01630 .01282 .01000 .00401

100001

-4.00960

300.01000

CL TB TA

DLTALF 5.05090 5.02030

.00001

CYN .01066

RN/L = 5.85 RUN NO. 2707 0

CA .02421 .02364 .02251 .02266 .02046 .02212 2 -105.280 -1.233 99.582 200.110

CLN .00754 .06720

.00395 .02272 .01991 399.639

> 400.450 402,079

399,19900

-4.98319

5.0° d 5.51180 5.04090

-.00001

-.00088

.90246 .90389 .90491

.00042

-4,03449 -3.99480

300,12000 300.02000 300.13000

399,91900

DLTBTA -3.96400

5.04590

CBL -.99991

CYN -,00265 -.00033

> .00922 .00385

. 196° S

-.00001 -.00001

ORIGINAL PAGE IS OF POOR QUALITY

399.890

499.619 491.249

2
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2
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EPAR.FROM OVET (ATUDSE) ( 03 OCT 74 )	PARAMETRIC DATA	MACH = 4.520 PTOTL = 99.209 ALPMA
AEDC/VASE8 (IA87) -O1ET1S1-R/H SMB SEPAR.FROM O/ET		XMRP s 1258.5000 IN. XS YMRP s XS ZMRP s 400.0000 IN. ZS
		* * *
		X X X X X X X X X X X X X X X X X X X
	REFERENCE DATA	2000.0000 30.FT. 1200.3000 INCHES 1200.3000 INCHES

			ביא ה אמיר	60.5						
<b>&gt;</b>	~	3	5	ž	ځ	Š	je S	OLTALF	OL TB TA	×
0.640	-100.029	91610.	.92676	61510.	.01141	.01766	-,00001	5.05160	-4,00690	09441
6	602.	10710	10950	.01061	.01056	.01882	-,00002	5.05440	-4,00970	00252
	99.561	91375	.02815	.00557	72700.	.01568	-,00001	5.05920	-4.01209	.13245
*	199.540	01139	02369	.00262	.00339	.00857	-,00001	5.05130	-3.99850	01499
100.970	399.710	76010.	.02237	00530	.00123	.90144	-,00001	5.04780	-4.01750	.05046
		RUN NO. 8	274/ 0 RN/L	'L = 5.85						
	•	3	5	ž	č	Š	<b>ਵ</b>	CLTALF	CLTBIA	×
2	-101-190	.0168	.02433	.01215	.91877	.00242	00001	5.09580	-3.98330	.07739
689	-1.413	01910	02333	96600	.91373	.00413	-,00001	5.10330	-4.02219	.12549
659	96.738	.91561	.02286	75700.	.90763	.00469	-,00001	5.09180	-4.03889	.25706
	199.780	.01532	92263	193461	.00359	.00387	00001	5.04349	-4.90729	.06209
199.749	396.779	.01178	.02261	.00438	.90375	-,90156	-,00000	5,08560	-3.94599	.06777
		RUN NO.	275/ S RN	RN/L = 5.85						
		3	5	Š	ð	Š	ಕ	CLTALF	CL TB TA	×
5	-100.143	.02283	.02296	.93527	.00631	00244	-,00001	5.04240	-4.01279	.01039
600	.535	.02388	.02265	.00337	.00403	00121	-,00001	5.01060	-4.03940	05611
320	100.020	.02080	.02298	.00378	.00491	OYR40	00001	5.04530	-3.98380	.51847
399.930	199.749	.91795	.02301	.00479	062001	00387	00001	5.05600	-3.97839	.01580
650	396.910	.91193	.02229	.00806	.00211	00481	-, 00000	5.08860	-3.97985	91677

DATE 20 HAY 75				1 A87 T	TABY TABULATED SOURCE DATA	OURCE DATA				PAGE 333
			AEDC/VAS	AEDC/VAS28 (1A87) -OLET1S1-R/H SRB SEPAR.FROM O/ET	T151-R/H S	RB SEPAR.FR	₽ O/ET		(ATUD93)	( 03 OCT 74 )
_	REFERENCE DATA	2						PAR	PARAMETRIC DATA	⋖
SAEF = 2690,0000 LAEF = 1290,3000 BAEF = 1290,3000 SCALE = .0100	.0000 SQ.FT. .3000 INCHES .3000 INCHES	XMRP TMRP II	1258,5000 lw. .0000 lw. 490,0000 lw.	IN. XS IN. YS IN. ZS			MACH ALPHA X X	"""	4.520 PTOTL 400 BETA -5.000 DBETA .000	iff = 90.209 A = 5.499 TA = -4.090
	_	KUN NO. 2	278/ 9 RN/L	ハ = 5.86						
<b>&gt;</b>	~	3	5	r.	Շ	Š	ಕ	DLTALF	CL TB TA	×
100.930	99.999	05148	.02879	00818	.02506	.91469	.00002	-4.95080	-4.01450	87620.
100.590	299.129 491.619	05191	.02468	00945	.03672	.001037	20000.	-5.01360	-4.01289	.20259
	_	RUN NO. 2	277/ 0 RN/L	ハ= 5.86						
<b>&gt;</b>	~	3	3	Ğ	გ	Š	ළ	CLTALF	CL TB TA	×
200.840	99.935	94748	.02604	00246	.02891	90110	.00002	-4.95690	-4.00990	61010.
062.002	002.202 600.003	04897	.02548	00585	.01829	00024	20000.	-5.00520	-3.93130	01105
			276/ G RN	RN/L = 5.85						
>		3	5	2	5	2	2	Z 141 F	AT BT A	×
399.500	96.957	93545	.02600	00000	.01412	0701	10000	-4.90180	-3.90940	15486
401.440	200.050	03038	.02220	90372	.00428	00172	00000	-4.95669	-4.02660	96010
400.900	499.199	03095	\$6220*	00322	.00274	00269	.00001	-4.96230	-4.00470	.96443
			AEDC/VAS	AEDC/VA\$28(1A87)-OIETISI-R/H SRB SEFAR.FROM O/ET	T151-R/H SI	RB SEPAR.FR	¥ o⁄et		(ATUD94)	( BS OCT 74 )
_	REFERENCE DATA	2						PAR	PARAMETRIC DATA	~
SAEF = 2690.0009	0000 Se.FT.	XMRP	1258.5000 IN.	IN. XS			₩	11	4.529 FTOTL	
LAEF = 1290.3000	SOOD INCIES	THE P	.0000 1N.	7. 75 7. 75			ALPHA PALEH	" "	490 BETA	A = 5.499 TA = -4 000
- 1							×	i ii		
	-	RUN NO. 2	279/ 0 RN/L	ሊ = 5.85						
٠.	~	3	3	CLM	Շ	Š	ਵੱ	<b>OLTALF</b>	CLTBTA	×
101.090	100,030	04303	62750.	01055	51711	.09827	10000	-4.93365	-4.03649	300,02090
99.738	399.729	94166	60220	01348	10000	.00458	10000	-4.94950	-4,00339	299.97000
	•	PUN NO. 2	285/ 5 RN/L	n = 5.85						
•	~	5	3	C	გ	Š	ĕ	CLTALF	CL TB TA	×
203.390	177.669	74321	.02675	99937	.02491	.00649	10000	-4.99450	-4.96179	309.31909
200.42	199.997	-,14761	.02244	- 00799	.00403	.00165	10000	-4.95600	-4.90449	300,00000

# AEDC/VAS28 (TAB7) -O1ET1S1-R/H SRB SEPAR, FROH O/ET

# (ATUS94) ( 93 OCT 74 )

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	90.290	5.455	-4.999	
	10	"	**	
DATA	FTOTL	BETA	CBETA	
PARAMETRIC DATA	4.520	400	-5.000	300,000
	*	**	н	**
	<b>1</b> 0	ALPHA	CALPHA	×

### RUN NO. 281/ 0 RN/L = 5.65

XMRP = 1256.5000 IN. XS YMRP = .00000 IN. YS ZMRP = 400.00000 IN. ZS

SAEF = 2690,0000 94.FT. LREF = 1290,3000 INCHES BREF = 1290,3000 INCHES SCALE = .0100

REFERENCE CATA

×	300,05000	300.139/0	390.12900
CL TB TA	-4,00990	-3.99270	-4,03870
CLTALF	-4.96320	-4.93690	-5.01630
Ę	100001	10000	10000
N.	00213	00396	92566*-
Շ	6 <b>26</b> 00	10600	91000
M)	00203	00041	00476
3	.02363	.02554	.02234
3	03778	04065	03198
2	99.985	199.470	400.710
>	499.479	450,475	399.895

### (ATUD95) ( 03 OCT 74 ) AEDC/VAS28 (TA87) -O1ETIS1-R/H SRB SEFAR.FROH OVET

### REFERENCE DATA

		REFERENCE DATA	Y.					PARAMETRIC DATA	CATA	
D		SAEF = 2690.0000 94.FT.	S. X	н	1258.5000 IN. XS	MACH	88	4.520	PTOTL	**
רשם		1290.3000 INCHES	YMA	44	YMRP = .0000 IN. YS	ACPA	11	400	BETA	"
5	*	1290.3000 INCHES	<b>₩</b>	11	400,0000 IN. 25	CALPHA =	11	000	CBETA	"
SCALE :		0010.				×	**	0001		

90.200 5.400 -6.000

### RUN NO. 2637 0 RN/L = 5.65

<b>-</b>	~	3	3	7	Շ	ž	Ė	OL TALF	AT817	×
200.790	-100.079	01378	.02155	.00451	.06271	.00648	10000	.05235	-8.00610	13031
200.530	125	01284	.02103	.00324	.03779	.01462	.00001	.05720	-7.99620	02622
199.430	101.360	01297	.02114	.00021	.92747	.91579	00000	00763	-7.99480	19279
197.890	200.740	91319	.02156	0503	.52317	.01251	-,00000	.00431	-7.90540	34264
200.779	399.960	01039	.02093	00197	.01887	.00663	00001	.04619	-8,00850	.53368
		RUN NO. 2	1957 D RN	8H/L = 5.86						
•	~	ટ	5	3	გ	Š	ಕ	CLTALF	CL.78TA	×
100.390	-99.294	00361	76150.	.00041	.04163	00248	00001	-,00602	-7.96160	.01376
120.030	725	91192	.02494	.05445	.03584	00134	10000	76680.	-7.94569	14943
490.620	99.439	99714	.02264	57100.	.02876	.95186	00000	.06922	-7,99125	97341
072.979	199.910	00693	72120	.09053	.02490	.00285	-,00000	629501	-8.04420	.18584
1001.490	499.179	nn679	.02169	920.50	.02058	.90149	-,00000	.03562	-7.995Pm	99322

CATE 29 MAY 75	•			1487 1	IABT TABULATED SOURCE DATA	WRCE DATA				PAGE 335
			AEDC/VAS	AEDC/VASZB (1A87) -O1ET1S1-R/M SRB SEPAR.FROM O/ET	T151-R/H S6	B SEPAR.FR	Ø 0∕ET		(ATU096)	( 03 OCT 74 )
	REFERENCE DATA	T.						PAR	PARAMETRIC DATA	<
0010' = 2880'0000 0001'062 = 1580'0000 0001' = 1580'0000	2690,0000 94.FT. 1290,3000 INCHES 1290,3000 INCHES	7367 7367 7367 11 11	1258.5000 IN. .0000 IN. 405.0000 IN.	IN. XS IN. YS IN. ZS			MACH ALPHA GALFHA X	<b>.</b>	4.529 PTOTL 400 BETA .000 CBETA	TL = 99.209 A = 5.400 TA = -8.000
		RUN NO. 2	284/ D RN	RN/L = 5.85						
>	^	3	3	, K	ځ	Š	<del>ව</del>	CLTALF	OL TB TA	×
200.590	-191.310	91991	.02529	10294	.05328	.02025	-,00000	. 11602	-7.96360	300,0200
209.719	-1.079	01293	.02611	79000	.03547	.02303	00000**	91160.	-8.00800	300.17090
199.650	99.96\$	61409	.02677	00127	.02530	.02333	00000	.04850	-7.99630	299.99000
200.330	200,000	01090	.02342	90478	.02128	.01847	-,00001	.05300	-8,00469	300.01000
200,670	399.695	01035	.02130	00262	.51818	77800.	100001-	.03623	-8.94699	300.12000
		RUN NO. 2	285/ D RN	RN/L = 5.86						
•	•	3	ð	×	Շ	Ę	ಕ	CLTALF	CL TB TA	×
407.419	-190.179	90247	.02261	00R29	.04186	.00234	-,00000	.94475	-8.01200	300,0200
299.749	942	99758	.52344	\$6006	.03793	.00129	-,00000	.95488	-7.97529	299.87503
490.420	59,323	51278	.02402	.90376	£5333	.00354	10000	.08317	-8.54275	300.57000
7.50	240.630	(4)827	. 52211	.00071	.02554	.00419	99990	00141	-8.01469	299,98000
399.600	490.149	97654	.02094	90061	71610.	.00355	-,00000	.r.27.86	-7 97895	299,92000

	REFERENCE DATA	IATA						FAR	SARAMETRIC DATA	2	
0010: # 37478 1 0006'0421 # 2349 1 0006'0421 # 2349 1 0000'0448 # 2449	. 3000 54.FT. 1.3000 INCHES 1.3000 INCHES -3100	TARGE II	1256.5000 IN. .0000 IN. 400.00000 IN.	IN. XS IN. YS IN. ZS			MACH ALFHA CALFHA X		4.520 FTC 400 BE 5.000 DBE	PTOTL = BETA = CBETA =	90.200 5.400 -6.000
		RUN NO. 2	287/ S RN/	RN/L = 5.86							
٠	~	3	5	Đ	ځ	Š	é	CLTALF	CL TB TA		
139.030		2466	.02513	71110.	.03478	19220	100001-	5.04960	-6.00250		2002
E		.0220	.02739	.00619	.02852	.02385	-,00002	4.99110	-8.01300		0000
197.639		11010.	.02704	.00449	.72661	.02053	00002	4.97170	-7.91259	299.52000	5000
m.1.m	199.500	. 01343	.92459	70800	.72570	.91483	100001-	5.05530	-8.00130		<b>6</b> 000
200.411		.01849	.02130	.07238	.61890	10900	-,00002	5.04040	-6,00749	300.13000	3000

(ATU97) ( 93 OCT 74 )

AECC/VAS28 (1A87) -O1E11S1-R/H SRB SEPAR.FROM O/ET

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04TE 25 MAY 75

PAGE 336

(ATU597) ( 03 OCT 74 )
(ATU097)
AEDC/VASZB (IA87)-OLETISI-R/M SRB SEPAR.FROM OVET

	-1.014 .01826 .02964 .0036 .02973 .0041900001 5.09010 -7.99210 -7.99210 99.373 .02180 .02262 .00347 .02546 .0032400001 5.01770 -7.99950 190.430 .02328 .02193 .00386 .12131 .0037400001 5.05280 -8.08920 190.430 .02328 .00405 .00405 .02822 .00405 .	NS CORE DETAILS	##EF & 2690.0000 54.FT. 1250.5000 IN. X3  LREF = 1250.200  ALPHA = -4.90 BETA = 5.400  BREF = 1250.200 INCHES ZMEP = 400.0000 IN. ZS  SALE = -6.000  X = 300.000	REFERENCE DATA	A = X X X X X X X X X X X X X X X X X X	######################################	CY CYN CBL .03622 .001550007 .02973 .004190007 .02546 .005240007 .02131 .005740007	1250.5000 1M. X3 .0000 1M. Y3 .0000 1M. Z3 .00000 1M. Z3 .00000 1M. Z3 .02351 .00653 .02351 .00653 .02262 .00547 .02193 .00306	Sa.FT. 16065 16065 16065 16065 16065 1.014 0.373 0.430
--	---	-----------------	--	----------------	---	--	--	--	--

	90.200 5.403 -6.000
	# # 0
C CATA	PTOT. BETA CBETA
PARAMETRIC DATA	4.520 400 5.000
	H II II II
	MACH ALPHA CALPHA X
REFERENCE DATA	BART = 2690,0000 50.FT, XMMP = 1250.9000 IN. XS LART = 1290.3000 INCMES YMMP = .0000 IN. YS BART = 1290.3000 INCMES ZMMP = 400.0700 IN. ZS SCALE = .0100
	1
	2 2 2 X

		2	284/ D RN	RN7 = 5.86						
•	~	3	3	CLN	ځ	Š	ŧ	Q.TALF	CL TB TA	×
201.240	-191.099	.91791	.02137	.01302	.03720	.01506	10000	5.12900	-8,90065	.136
7.0	-1.549	.01659	.02106	.00954	.03362	.01532	10000	5.10190	-8.08910	.272
20.8	8.349	.91288	.92100	92700.	.03216	.01230	00001	5.97619	-6.09260	<del>3</del> 8.
200.210	199.860	. 41 322	92176	.00593	.02755	.00958	-,00001	5.04630	-7.93290	92075
199.419	399.850	.02140	.02178	.00178	.01925	.00528	100001-	5.04145	-7,43726	116
		PEN NO.	289/ D RP	RH/L = 5.86						
>	~	ટ		3	ઠ	S S	é	CLTALF	CL TB TA	×
201.230	-199.179	50610.		16200	.93331	.00043	00001	5.04389	02020°9-	.128
401.930	1520	.02273		.00526	.02603	962001	100001	5.00040	-8.56649	. 28.
2	100.370	.92367		.00362	.02361	.99432	00001	5.52903	-8.02835	Sec.
43.67	000.002	.02252	.02216	.00336	.02196	.00343	00001	5.93919	-7.99015	13778
	300.477	01810.		.97571	.02198	00035	- (1000)	5.76*30	-7,92329	247

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### IAST TABULATED SOURCE DATA

### PAGE 337

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# AEDC/VASEB (1A87) -OLETISI-R/H SRB SEPAR,FROH OVET

### (ATUD99) ( 03 OCT 74 )

	2 2 2
	IX. XS. XS. XS. XS. XS. XS. XS. XS. XS. X
	1254.5000 .0000 400.0900
<b>*</b>	a i v
KEFERENCE DATA	\$6.FT. INCHES INCHES
4672	2 0000.0093 1 1200.0093 1 0000.0031
	NALE :

### PARAMETRIC CATA

PTOTL = 90.200 BETA = 5.400	#
4.520	666. <b>8-</b>
MACH R	DALPHA =
.5000 IN. XS .0000 IN. YS	.0000 IN. 28

### MY = 5.86 RUN NO. 291/ 0

x 15961 17130		×	07421	05186	61189
DLTB TA -8.07/420 -7.96050 -8.07/420		CL.TB.TA	-7.96250	-7.97180	-7,99940
0,14,F -4.95040 -4.99380 -4.95160		DLTALF	-4.93810	0.80470	-4.96320
CBL .enoms .enomz		ಕ	20000	.00002	10000
CTN .00970 .01072 .01078		Ç	00197	00022	16100
.05449 .04018		Շ	.03922	.03306	.02341
CLM -,00354 -,00610 -,00622	RML = 5.85	Ę	16100	71000	00390
CA .02187 .02228 .02358	295/ D RN	3	76630.	.02505	.02135
CN 05056 04650 04347	MUN NO. 2	3	04523	04249	03406
2 95.867 200.870 399.860		~	<b>3.719</b>	196.940	400.100
7 200.690 196.640 200.390		۰	400.735	620.670	400.660

### AEDC/VASEB (1A87) -OIÉTISI-R/H SMB SEPAR,FIROH OVET

### (ATU100) ( 03 OCT 74 ) PARAMETER DATA

90.200	5.490	-0.000	
M	**	**	
PTOR	BETA	CBETA	
4.520	400	-5.000	300,000
	H	**	**
ğ	A PA	CALPHA =	×

### E 1256.9000 IN. XS E .0000 IN. YS E 450.0000 IN. ZS ADTENDICE DATA

### BV. = 5.85 CA 10. 282/ 0

x 305.26000 299.99000 307.29000
DLTBTA -0.06400 -0.01690 -0.06370
0,74,F -4,96250 -4,96350 -5,02410
.00001 .00001 .00001
CYN .02005 .01067 .00937
CY .04150 .03160 .02332
CLM 01013 01002 01000
CA .02645 .02901 .02156
Cs 04961 04966 03676
2 1991-319 2091-189 4991-1829
203.008 004.108 005.108

; t

CLT8TA X -8.05.940 300.10000 -8.01520 299.86000 -7.99110 299.96000

0.TALF -4.95873 -4.91120 -4.99410

.00001 .00001 .00001

.00150 .00150 .00214

30820. 30820.

CL# -.09437 -.00966 -.01366

CA .02414 .02467 .72249

-.05012

400.780 400.610 344.840

04TE PO MAY 75

### AEDC/VAS2811A87) -OLETISI-L/M SRB SEPAR, FROM C/ET

(ATU191) ( 93 OCT 74 )	PARAMETRIC DATA	4,520 PTOTL = 99.209 -,400 BETA = 5.409 ,406 CBETA = .090
AEDC/VASSB (1A87) - CAET: SI-L/M SAB SEPAR. FROM C/ET		XMRP & 1256.5000 IN. XS ALPHA & ALPHA & ALPHA & DODO IN. YS BALFHA & DALFHA & TABLE & ADU.5000 IN. ZS X
	•	
	REFERENCE DATA	SAET = 2490.0000 54.FT. LREF = 1290.3000 INCHES SACLE = 530.3000 INCHES SALLE = 5100

CN											
				į	;	}	3	Ē	DA TALF	Q. 78 TA	×
### 100.55000473 .rg2707032440313100041 .rg2930 .rg253g2233g2233 .rg234 .rg274 .rg2940g9940 .rg294 .rg294g9940 .rg294 .rg2940	<b>&gt;</b>	~	3	5	¥	ָ כ	2		2000	01010	04226
### 100 - 10	070	-100.569	00473	.ne207	.07264	0547	00641	Orece.	663/1:	3 4 4	
## 45000350	5		79,00	25150	.00129	03131	00641	10000	36365	56610	
###. 1932900153002640016700201002010025900260026002600260026002600260020100260	000			33060	AV000	1000th	10650	00001	.06355	02235	01566
199, 169   -1,00133   -1,01944   -1,01173   -1,02629   -1,00701   -1,001011   -1,00101   -1,00101   -1,00101   -1,00101   -1,00101   -1,00101   -1,00101   -1,00101	2.72	3.23	0.600	90.3	99.00		16010	10000	05399	.07549	97733
### HQ: 296/ 0 RH/L = 5.06  ### HQ: 206/ 0 RH/L = 5.06  ##	01.319	199.690	00153	3		. 200	9010	0000	74027	.01276	20128
C	99.719	400,090	DOZ91	.62014	9317	!!2829	- (1970)	Trees.		•	
CA					11						
100,230   -10044   -102215   -10130   -103610   -101311   -100011   -104694   -107601   -10122			į	į	i	2	ξ	5	C) TALF	CLTBTA	×
-100.239 -100444 102213 100137 -103419 -101473 -100001 00009 -1003503 100.770 -100446 102249 1001779 -103419 -101473 -100001 00009 -1003503 100.770 -100446 102249 1001779 -102461 -101473 -100001 100709 -1003503 100.770 -100446 102211 -100179 -102661 -101473 -100001 100709 -1003503 100.770 -100446 102211 -100179 -102661 -101472 -100701 100709 -100553 101.79 -100701 100701 100709 -1003503 100.770 -100701 100701 100701 100701 -100553 100.770 -100701 100701	<b>~</b>	~	5	<b>3</b>	<b>1</b>	03604	01.0	COOC.	1,14694	-,90690	05753
100.170  00412  00444  00	22.24 24.24	-100.235	- DOM 94	C12213	521635	0.06.0		00000	78080	.43113	12519
### ### ### ### ### #### #### ########	012.00	<b>S</b>	01120	.02641	. (7)337	03610	0146	00000	00000	מיזינים -	.03654
### ### ### ### #### #################	230.00	199.779	50916	.02450	.000	03378	6.416	10000	CONTRACTOR OF THE PARTY OF THE	3333	Saro
### ### ### ### ### #### #### ########	17.240	200.430	00517	11220.	95179	02952	+.51302	- 125.603			2000
CN	97.230	400.179	97446	.02049	-,95354	-, 52861	01031	9861	8030G	- 10193	0
2 CN CA CLM CY CYN CRN CRL CLTR14 -101.24005672 .02704 .031620336702032 .09946 .0629187305684 .0275305039022160174409031 .05996 .0629187305684 .0275305039022160174409031 .0570287305684 .02917093740134409031 .103790570287500674 .0291709376015409031 .1037905702					41						
-101.24007672 .02704 .001020205702052 .00946 .0429107307684 .02753027040774407071 .06996 .0429907307684 .02753077450174407071 .06996 .0429907307684 .02917077450154407071 .06996 .0429907507674 .02917077450154407071 .07677 .037750311107682 .07210507436037210111607777 .02156 .0117107682 .0714507436077490111607777 .04945 .07147	,	•	8	3	×	5	ξ	é	CLTALF	OLTBTA	×
### ### ### ### #### #################		7	5	-04 CU	00100	79857	02052	00002	97690	.08291	.0755
07305680G273G223G223G373G273G274	21.450	-101-240	2,00	00.790	2010	916	01744	VULUE -	96695	.04259	.1121
99,065 -,001721 .128643 -,10742 -,01744 -,07672 .03773 -,03111   199,795 -,00674 .02917 -,01436 -,03721 -,01116 -,07677 .02156 .01371   2 CM CA CLM CY CYN CBL CLTALF DL.174   -109,345 -,01452 .02102 -,07276 -,01121 -,070701 .04645 .02143   -224 -,0353 .01794 -,07276 -,07274 -,07137 -,070701 .04645 .02143   199,365 -,09169 .01794 -,0716 -,07789 -,01121 -,070701 .06128 -,07748   199,665 -,09169 .01892 -,07149 -,01121 -,070701 .05123 -,07296   199,665 -,09169 .01892 -,071496 -,01121 -,070701 .05124 -,07176	3.5		9996	55755		9133:-	77810	19000	15379	-,057.02	.0472
199.79500674 .02917031603164 .03116 .03134 .02156 .01371 .02156 .01371 .02156 .01371 .02156 .01371 .02156 .01371 .02162 .03121 .03162 .03131 .03162 .03137 .03162 .03137 .03164 .03164 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137 .03166 .03137	17.410	20.2	12/00/-	CWAZI		00000	792.00	0000	04774	11160-	0580
### ### ### ### ### ### #### #### ######	116.51	13.75	00674	. US917	2/5/2/	Š	*0.10.	The state of the s			79900
RUM NO. 296/ G EN/L = 5.85  2 CN CA CLM CY CYN CBL CLTALF DL''TA -170,34001452 .0210200226027490113700201 .04645 .0014022400353 .0179400351004640045000701 .0366604113 -90,36500106 .016920071800128077601 .06128007489 190,66000103 .025620011701440600112100401 .0527500296	#.378	400.560	07629	.92195	00436	00021	01116	- (60,00)	1,5136		DC 75
2 CN CA CLM CY CYN CBL DLTALF DLTTA 100.340 101.37 100.051 104645 101.14 100.340 101.37 100.051 104645 101.140 100.351					N = 5.65						
-170,34001452 .0210200226027490113700001 .04645 .00146 22400553 .0179400351006440065000701 .0366604113 22400504 .0169200749001160076000701 .0512807448 	,	•	3	3	¥	გ	ž	룡	CLTALF	DL., TA	×
-224 - 00553 - 01794 - 00464 - 004650 - 005671 - 034654 - 056651 - 041751 -	- 1	,		20160	92200	52749	61137	10000	.04645	97:39	.1177
- 252 - 10001			36 116.	70.00	1001	70864	0.5000	99901	53866	- Can 13	.0336
96.365 - 03104 - 01104 - 01101 - 01101 - 01507 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093 - 01001 - 05093	\$ •	722	66600	6000	00000	41100	- 00780	100001	.96128	C74 AB	.1176
92(18) 1 122(1 100(1 1 100(1 1 100(1)(100(1 100(1)(1 100(1 100(1 100(1)(1)(1 100(1)(1)(1 100(1)(1)(1)(100(1)(1)(1)(1)(100(1)(1	7.7	<b>2</b> .363	#6100°-	269107	A TOOL	A1100	12110	1000	.05375	(2993	03180
	-1.25	199.669	552140	29621.	1103.7	PACKS .	4410	5005	52243	537726	.2239

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			AEDC/VASE	1 (1 AB 7) -OLE	7151-L/H SA	AEDCZVASZB (1AB7) -OLETISI-LZH SRR SEPAR.FROM OZET	¥ OET		(ATU102)	( 93 OCT 74	_
	REFERENCE DATA	4						PARA	PARAMETRIC DATA	1A	
2010' 8 37978 2008'0421 8 3398 2008'0421 8 3398 20000'0443 8 3398	1896.0000 86.FT. 1896.3000 INCHES 1896.3000 INCHES 10100		1258.9000 IN. .0000 IN. 400.0000 IN.	5 5 5 5 5 5 5 5			MACH ALPHA CALPHA X	, iii	4.520 PT4 400 BE .000 CB	PTOTL = \$0.20 BETA = 5.400 CDETA = .000	222
		RUM NO. 3	30E/ 0 RM/	RH/L = 5.86							
,	•	ē	5	z d	5	ž	ಕ	DL TALF	Q.TBTA	*	
		50160	25.150	.20123	93119	01130	10000	01990.	06793		
		00527	12286	.00155	93105	01067	10000:-	.04912	01357		
		00411	35146	61000	02892	01155	10000	.01911	.01264		
		35.76	19167	4.00074	-,02844	01076	100001	11080	02892		
- 340.495	479.439	65117	\$6610.	00310	12920	96600*-	00001	67600	02782	300.14000	
		9	301/ D RN/L	L = 5.85							
•	•	ě	đ	¥	ð	Ē	ಕ	CLTALF	Q.TRTA	×	
50			.02579	20154	02334	01600	10000	.94219	M428	320.01020	
	• • • • • • • • • • • • • • • • • • • •	- 20359	.02542	05195	92143	91131	10000	.90124	30060		
200	200	\$2100	9920	00000	72110	(7/1985	10000	.06644	Des 86		
545		01627	.02646	99054	12467	01324	100001-	.12111			
-196.030	<b>350.6</b> 00	95477	.02253	00463	52523	51295		.09533	- (M037	390.19603	
		RUN NO.	3007 0 RMAL	L = 5.06							
•		3	5	¥	ઠ	Ē	ਵ	CLTALF	Q. 78.7A	×	
27.	-190.119	00746	90916.	00348	01456	90952	10000-	32EM).	01065		
	181	20167	16510.	OCA27	-,00665	50661	100001-	.03449	09621		
-67.747	27.30	90157	79110.	92565	00601	70570	90001	87660.	03743		
22. 50-	201 101	52100.	\$136	.077580	01088	00001	90901	.07361	.02455		
- T	390.700	00650	18790.	00609	03015	01439	-,00001	0250	02064	300.01500	
		M. NO.	297.0 RW	RM/L = 5.86							

D.181A X .00357 300.04000 .02332 300.05000 .00779 299.94000 -.00448 300.07000

0,144.F .04302 -.01843 .04192

CBL -.02001 -.00001 -.00001 -.00001

CYN -.01215 -.00503 -.00404 -.0104

CY -. (REST7 -. (2016)9 -. (2016)7 -. (2016)7

CLM -.07514 -.07563 -.07316 -.0722

CA .01432 .01369 .01553

CK -.01357 -.00321 .00254 .00260 -.00759

2 -107.199 1.130 190.191 198.481

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# AEDC/VASSB (1A87) -O1E1151-L/H SHB SEPAR.FROM O/ET (ATU193) ( 63 OCT 74 )

222	2000.0000 Se.FT.		1256.5500 IN.	7 A T				•	4.520 PT	, i	
	1290.3000 INCHES 1290.3000 INCHES -0100		.000 1N. YS 400.000 1N. 2S	II. 75			ALPHA GALPHA N	<b>8</b> 		n H	80. 80. 80. 80.
000		RUN NO. 3037 0	03/ 0 RM/L			į	į		9	,	
-34.49 -34.29 -34.310	~	5	<b>5</b>	3	5	2	<b>3</b>	7	מרים וא	A 20000	
ଚ ଚ	-100.790	25048	\$1220.	.00953	03505	01025	10000	5.0770.0	21.64.12	393.1638.9	
0	523	\$1320.	58120.	.00759	03255	01124	10000	5.06200	01094	299.999.11	
	<b>35.336</b>	.02330	.02103	.00651	03001	01175	20000-	5.06750	90539	300.0000	
-400.300	136.629	.02447	511150	.00493	72864	01200	00002	5.08410	.06427	300,06000	
-394.435	399.679	.02400	.02159	99200	-,02905	11900'-	00002	5.03860	00093	350,0690	
	-	RUN NO. 30	3047 0 AM/L	Λ = 5. <b>86</b>							
	N	3	3	3	5	ξ	ਵੱ	OLTALF.	Ct. TB TA	×	
-200.660	-96.651	96910	.92752	01700	- (287)	01329	DOG. 2	4.99080	94549	299.91000	
-186.385		09216	26920.	.90785	02459	DORRE	100001	5.04530	946130	300,06000	
-140.565	\$3.746	.0:533	06920	.97752	(1255)	<b>29600:-</b>	90001	5.94770	.91737	300,02000	
612.103-	199.630	SEA1C.	.52N37	.07614	23032	0139P	-,00002	5.01779	.08322	300,58000	
-199.990	490.429	.92243	.02195	.00174	03028	61317	0002	4.97225	.032.81	299.94020	
	-	RUN NO. 3	305/ 0 FNL	1 = 5.85							
	~	5	3	ð	Շ	ξ	ಕ	Q.TALF	ATETA	×	
-100.700	-99.595	.91455	.51964	GARRO	01095	05862	100001-	5.00449	.07326	300.0000	
-1.01	. 471	67610	.01846	.07242	90813	90515	-,00001	4.98480	.01181	299.94500	
-97.216	199,690	.01699	96919	.07466	01106	00376	100001-	5.99719	543 52	300,04000	
-99.295	199.620	.01030	<b>6222</b> 1.	09900	(120175	00407	-,00001	5.63910	.00840	300,09000	
-179.050	490.959	97910.	.02701	52KG.	53316	91513	00001	5.00570	.03619	299.94000	
	-	RUN NO. 35	306/ 0 ENAL	Λ = 5.86							
		3	5	H)	ځ	Ē	ਵੱ	CLTALF	CL.3TA	×	
-19.750	-99.904	.01944	10916.	00156	90627	01055	0000	5.99529	571	299,78900	
-1.459		76716	.01969	90023	-,99116	-,97610	DOORR	5.03539	51767	375,02500	
-0.476	\$8.783	-01652	.01568	.05258	05625	90484	90001	5.07900	54143	396.15906	
-7.377	31.381	12549	.91674	18430	92216"-	-,05295	:0005	5.58930	06676	350.1920	
-6.301	386.713	968 10.	.7.2788	191191	03367	91194	60061	5.63320	92443		

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	METERET UNIA	<u> </u>						₫	PARAMETRIC DATA	< <
2690 1290 1290	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP = YMRP = ZMRP =	1258.5090 IN. .0090 IN. 400.0090 IN.	IN. XS IN. YS IN. ZS			HACH ALPHA CALFHA X	* <del>* * *</del>	4.525 PTOTL 400 BETA 5.000 CBETA	TL = 90.200 A = 5.400 TA = .000
		RUN NO. 3	310/ 0 RN/L	ハ= 5.85						
	2	3	3	N)	Շ	Š	ਰ	CLTALF	CL TB TA	×
-399.570	-100.390	.02389	.02164	10700.	03202	00867	-,00002	5.04339		-,00492
-456.975	790.	.02463	.02078	.93587	00620	01039	00002	5.02220		97711
-399.500	100.280	.02684	.02069	.00393	-,92752	91978	St 300	5.01420		01053
-399.090	200.030	.02612	.02144	.00325	02832	07948	00002	5.02680	52862	05044
-399,550	399.610	.02135	.02210	.00379	03132	00483	00002	5.04400	.05207	05117
		RUN NO. 3	309/ 0 RN/L	ハ = 5.85						
<b>&gt;</b>	2	3	5	¥7)	Շ	Š	ខ័	CLTALF	CLTBTA	×
-197.899	-101.390	.91723	.92469	50510.	03742	01265	00001	5.09840	093.82	.02853
-200.300	-1.196	.02054	.02428	.00853	03411	01639	00002	5.07120	.03642	.03623
-201.140	99.442	.01968	.02324	9000	03549	01495	00002	5.07135	27 120.	-,04967
-201.390	196.895	.02161	.02153	.00485	03408	91326	00001	5.15140	.07583	
-198.300	399.340	.02545	.02172	.00138	03004	01007	90002	5.06050	54146	.00945
		RUN NO. 3	306/ D RN/L	ハ゠ 5.86						
>	2	3	5	Ş	ò	Š	é	Ct TALF	St TB TA	×
-96.161	-99.906	.91888	.02884	.01921	02823	01896	00002	5,02029		08439
-98.958	494	.61444	.02931	.00853	92436	01435	00002	5.03490	.03497	.11554
-98.667	199,779	.61744	.02940	.05687	02521	01486	-,00002	4.98895	01569	03975
-100.040	201.290	.51940	.02896	.00321	03159	01769	-,00002	4.96950	.04053	.00684
-99.173	399.610	.02531	.02172	.00064	-,03972	01164	-,00002	5.54185	.00325	.05568
	•	RUN NO. 3	307/ 0 RN/L	'L = 5.85						
<b>&gt;</b>	2	3	5	Š	Շ	Š	ಕ	CLTALF	CL TB TA	×
-6.507	-199,979	.01067	.02133	.00263	99752	01256	00002	5.93129	024 94	.00328
-9.016	167	.01397	.630 <b>26</b>	70206	-, 00843	50796	99991	5.52845	00375	02285
-9.046	99.742	.91458	.02159	.00618	01629	00329	-,00001	5.94219	.001 59	-,00276
-7.930	196.873	.51758	.02634	76500.	1276A	OMA47	.000			
								2.1.1	1. HONS	- L.C.

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### IAST TABULATED SOURCE DATA

RB SEPAR.FROM OVET

(ATU105) ( 03 OCT 74 )

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	= 90.209 = 5.400 = .000	X - n6536 - 10397 - n4033		x .nn681 .u7306 .19450	. 02612 .05612 .08623	.24188 .11758 .01068
PARAMETRIC DATA	4.520 PTOTL :450 BETA : -5.050 CBETA :	5LTBTA 006.55 003.82 007.53		.00492 06758 03570	05821 03821 033 55 .072 28	-,03494 -,02195 -,@681
PARA	MACH = 4 ALPHA = -5 DALPHA = -5 X	DLTALF -4.93430 -4.95050 -4.96060		CLTALF -4.96400 -4.95910 -5.02300	DLTALF -4.89850 -4.96740 -4.99380	-4.95980 -4.96160 -4.95790
	₹ 4 g ×	<b>CBL</b> 199909 199909 199999		CBL ,00000 ,00000 ,00000	CBL 00001 00001 00000	-,00001 -,00001 -,00001
		CYN 00798 00816 00849		CYN -,01305 -,01162 -,01061	CYN 01527 01768 01103	01271 01373
		CY 03424 03393 02898	ñ	CY 04186 03378 03118	CY CY (12767 (12339 (13239 CY CY CY CY CY CY CY CY CY CY CY CY CY	-,01548 -,01060 -,03091
	IN. XS IN. 45	RN/L = 5.85 CLM 10043 100531	RN/L = 5.85	CLM 00602 00583 01007	CLM CLM 00670 01061 01135 RN/L = 5.85	00622 00808 01545
	1256.5000 IN. .0000 IN. 400.0000 IN.	2002 17.17 2005	312/ D R	CA .02597 .02356 .02142	313/ 0 KE CA CA	.02348
DATA		CN CA CA03211 .0303211 .0303137 .0302137 .03	RUN NO.	CN 03705 05896 03056	CN CN CN032160322603226 RUN NO.	02640 02176 03208
REFERENCE DATA	2690.0000 38.FT. 1290.3000 INCHES 1290.3000 INCHES	2 99.566 199.430 399.860		2 99.956 199.990 400.250	2 96.219 199.640 470.650	99.732 199.740 399.780
	SREF = 2690. LREF = 1290. BAREF = 1290. SCALE =	7 -399.960 -400.020-		7 -199.790 -197.430	y 865-76- 862-86-	-6.096 -6.284 -9.163

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### 1AB7 TABULATED SOURCE DATA

FAGE 343

(ATU108) ( 03 OCT 74 ) ON OVET

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PARAMETRIC DATA	MACH ж 4,5E0 FTOTL ж 90.E00 ALPMA ж400 BETA ж 5.400 CALPMA x -5.000 CBETA ж000 X ж 300.000	
REFERENCE DATA	SREF # 2000.0000 50.FT. XNMP # 1256.5000 IN. X3 LREF # 1290.3000 INCHES YNMP #0000 IN. Y3 BREF # 1290.3000 INCHES ZNRP # 400.0000 IN. Z3 SCALE #0100	RUN NO. 318/ 0 RN/L = 5.85

				ı						
<b>&gt;</b>	~	3	ర	ş	Շ	ž	ಕ	DLTALF	CLTBTA	×
-399.910	99.068	03078	.02260	00627	03607	01037	00006*-	-4.92730	.02631	299.95000
-398.750	199.980	03291	.02198	00623	-,03287	01099	00000	-4.96190	31751	300.08000
-398.180	400.090	03156	.02142	00749	03039	-,00880	00000	-4.97750	04129	399.12090
		RUN NO. 3	317/ 0 RN	RN/L = 5.86						
>	~	3	3	C.	S	Š	ខ	DLTALF	OLTBTA	×
-190.000	99.642	02650	.02522	-,00870	-,02527	01027	0000	-4.95590	06795	299.91000
-199.480	199.910	03033	.02815	00841	02662	06210	-, 09090	-4.96190	.00230	300.03000
								*****		

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-196.000	99.642			00870	-,02527	01027	-,0000	-4.95590	06795	299.91000
-199.480	199.910			90841	-, 02662	01290	-,00000	-4.96190	.00230	300.03000
-196.590	396.600	03038	.02325	01262	03002	01394	*.00001	-4.91250	02701	299,93000
		N NO.	316/ 0 RN	RN/L = 5.86						
>	~	3	5	G.	Շ	Š	ಕ	OLTALF	CLTBTA	×
-96.450	99.570	02127	.91625	00694	01058	00576	00000	-4.93660	11521	399.15999
062.66-	199.210	01998	.01951	00521	01944	00780	-,00000	-4.92220	.03063	390.00000
-96.732	399.660	02964	.02796	01533	02914	01515	00001	-4.95450	-,02075	299.94000
		SUN NO.	315/ D RN	RN/L = 5.86						
>	~	3	*	3	Շ	ž	<sub>ਈ</sub>	DLTALF	DLTB TA	
-6.761	101.059	02046	.01367	00668	00856	99424	00001	-5.00620	01913	390,11990

-.00644 300.12000 -.06292 299.99000

-4.95420

-.00001

-.09554

-.00602

-.00641

.01425

-.01172

200.030 397.990

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PAGE 344

(ATU107) ( 93 OCT 74 )

114

# AEDC/VAS28 (1A87) -OLETISI-L/H SRB SEPAR.FROM O/ET

	REFE	REFERENCE DATA	ž			•	PARAMETRIC DATA	DATA		
**	2690.0000	59.FT.	X	**	1258.5000 IN. XS	HACH =	4.520	PTOTL	"	90.200
11	1299.3999	INCHES	Y	11	YMRP = .0000 IN. YS	ALPHA =	400	BETA	**	5.43
*	1299.3000 INCHES	INCHES	ZHRP	"	ZWRP = 400.0000 IN. ZS	DALFHA =	000	CBETA	"	4.009
н	2010					<b>"</b>	000			

LAEF = 129 BREF = 129 SCALE =	1299.3000 INCHES 1299.3000 INCHES .0100	YMRP =	.0000 IN. YS	N. 75			ALFHA DALFHA X	H 11 11	400 86 .000 08	BETA =	5.409
		RUN NO. 3	319/ 0 RN/L	ר = 5.86							
۲	2	8	5	Ť	Շ	Š	é	CLTALF	CL TB TA		
-398.310		00506	.02253	.00185	06244	01238	-,00000	.94131	3.96790		15394
-397.949		00729	.02259	.69269	05871	01343	-,90901	.98671	3.96250		12959
-398.930		00333	.02205	.00004	05604	01436	99091	.06555	4.00560		10718
-399.080		00360	.52212	79000	05613	01352	16000	.97389	4.01490		.17872
-398.269	499.119	00292	.02123	-,00237	05478	51234	00001	.03758	3.98070		14963
•		RUN NO.	3207 D RN.	RN/L = 5.86	5	ž	e	14 K	DL 18 14	*	
-199 640	016 001-	- 01054	12175	ייימייי	- 06372	12144	autoto -	104064	3.99610		15628
-199.550		93888	.02465	90200	05738	12417	00002	.91621	4,05750		.03591
-197.859	100.640	51109	.52578	.00081	05329	02349	00002	.00280	3.95990		05950
-198.849		00518	.52187	-,00261	05347	01933	-,00002	.04296	3.98820		12216
-198.980		-,00637	. 52213	00356	05637	01509	90001	.04103	3.99430		17872
		RUN NO. 3	321/ f) RN/L	1 = 5.86							
>	2	ž	5	S.	Շ	Š	ទ	CLTALF	OLTB TA	×	
-99,003		01861	.02819	.00378	06731	02492	0000	.03302	3.97920		17521
-99.651		01598	. 42510	990331	03947	02386	00003	.58182	3,99770	-	50133
-98.83	_	00406	.02698	50197	03460	02465	55003	.19715	3.98350		22411
-99.231	199.830	00352	.02862	00539	54627	92523	00003	.03815	3.97819		29473
000		0.00	70100	6176	25072	A 04878	10000	CARRE	JOS SU		1000

DATE 20 MAY 75	MY 75					IAB7	IABT TABULATED SOURCE DATA	OURCE DATA				PAGE 345	
					AEDC/VA52	8 (1A87) -01E	ETILLIA S	AEDC/VAS28 (1A87) -OLET: LI-L/H SRB SEPAR,FROM OVET	OH O/ET		(ATU198)	( 03 OCT 74 )	
	~	EFER	REFERENCE DATA	17.4						PARAI	PARAMETRIC DATA	,	
99EF = LREF = SCALE =	2690.0000 59.FT. 1290.3000 INCHES 1290.3000 INCHES	3000	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP YMRP I MRP	1258.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	N. X N. Y S			MACH ALPHA DALPHA X	<u> </u>	4.520 PTOTL 400 BETA .000 DBETA 300.000	JTL = 96.200 A = 5.400 TA = 4.009	
				RUN NO. 324/ 0	24/ 0 RN/L	L = 5.85							
7 -396.885 -396.355 -396.135 -396.485	.880 .390 .130 .480	2 -191 190 299 299 499	2 -101.310 .024 100.150 200.580 400.120	CN -,00224 -,00521 -,00739 -,09458 -,09458	CA .02148 .02292 .02350 .02208	CLM .00080 .00125 .00117 ~.00131	CY 05704 05888 05752 05415	CYN 01838 01633 01580 01657	C8t0000100001000010000100001	DLTALF .07213 .04975 .03864 .00907	0,1814 3,92240 3,95290 3,97170 3,92440 3,92340	X 300.03000 299.96000 300.08000 300.14000 299.99000	
				RUN NO. 3	323/ 0 RN/	RN/L = 5.85							
7 -272.220 -199.100 -196.910 -196.750	7 -202.220 -199.100 -196.910 -196.750	2 -190 -8 -198 398	2 -105,745 -217 99,675 196,655	CN 00727 00540 00339 00337	CA .02461 .02364 .02491 .02760	CLH -, 00053 -, 00206 -, 00130 -, 00204 -, 50471	CY 04007 03736 03561 04236	CYN 02229 01821 01712 02011	CBL -, monore -, monore -, monore -, monore -, monore -, monore -, monore	DLTALF .07196 .02225 .05559 .11529	0LTBTA 4.10149 4.01350 3.96779 4.00750 3.35500	X 3102.26070 3010.15970 299.89970 299.931000 3100.031090	
				RUN NO. 3	322/ D RN/	RN/L = 5.85							
>				3	3	3	Շ	گ	ම්	CLTALF	DL TB TA	×	
6-	-99.605	5	-100.360	01747	.01596	00366	03671	01435	00001	.04835	4.00990	355.18555	
66-	-99.441	•	126	00643	.01490	00417	02142	01070	00001	.04277	3.99910	299,96000	
96-	-98.542	8	98.794	.00235	.01670	00569	12156	01161	-,00001	.07398	4.05940		
061- 66-	-199.126	£ £	199.245 399.760	00931	. 52898	00634	05618	01951	20000:-	.54728	3.98130	299.84000	

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ORIGINAL PAGE IS OF POOR QUALITY (ATU109) (03 OCT 74 )

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R.FROM
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ET181
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(148
/VA528
AEDC,

REFERENCE DATA 2690.0000 SQ.FT. XMRP = 1250.5000 IN. XS 1290.3000 INCHES YMRP = .0000 IN. YS 1290.3000 INCHES ZMRP = 400.0000 IN. ZS .0100		= 90.200 = 5.400
= 1258.5000 IN. XS HACH = .0000 IN. YS ALPHA = 400.0000 IN. ZS CALPHA X	IC DATA	PTOTU BETA DBETA
= 1258.5000 IN. XS HACH = .0000 IN. YS ALPHA = 400.0000 IN. ZS CALPHA X	PARAMETR	4.520 400 5.000
REFERENCE DATA = 2690.0000 SQ.FT. XMRP = 1250.5000 IH. XS = 1290.3000 INCHES YMRP = .0000 IN. YS = 1290.3000 INCHES ZMRP = 400.0000 IN. ZS E = .0100		MACH = ALFHA = DALFHA =
REFERENCE DATA = 2690.0000 SQ.FT. XMRP = 1290.3000 INCHES YMRP = 1290.3000 INCHES ZMRP E = .0100		= 1258.5000 IN. XS = .0000 IN. YS = 400.0000 IN. ZS
REFERENCE DATA = 2690.0000 SQ.FT. X = 1290.3000 INCHES Y = 1290.3000 INCHES Z = 1290.3000 INCHES Z		
ii ii ii ii		10.0000 SQ.FT. )
		269 129 129

SAEF = 2690.0000 LREF = 1290.3000 BAEF = 1290.3000 SCALE = .0100	2690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	. XMRP ::	1258.5900 IN. .0000 IN. 400.0000 IN.	IH. XS IN. YS IN. ZS			MACH ALFHA DALFHA X	8.	4.520 PT400 BE 5.000 DB 5.0	PTOTL = 90.200 BETA = 5.400 DBETA = 4.000
		RUN NO.	325/ B RN/	RN/L = 5.86						
•	~	3	ð	Ğ	Շ	Ç	ਵੱ	DLTALF	CLTBTA	×
-396.359	-100.680	.92975	.02353	.0987	06388	01464	-,00002	5.07449	3.95540	
-398.645	668	77150.	.02293	.09771	~.05943	01646	00002	5.07169	3.98910	
-398.759	99.454	.02399	.02261	.00595	05863	01642	-,0000C	5.06030	4.00350	
-399.915	199.100	.92419	.02243	.00508	05932	01544	-, 90002	5.07660	4.04390	390.20900
-398.500	399.850	.92574	.02221	.00296	95772	01320	00002	5.04050	3.98645	390,99900
		RUN NO.	326/ 0 RN/	RN/L = 5.86						
<b>&gt;</b>	7	3	5	Ð	Շ	Š	ម	CLTALF	CLTBTA	×
-200.150	-98.438	7781G.	.02625	.00565	04359	02577	00002	4.97200	4.08090	299.91000
-196.990	276	.02041	.02574	.00504	03879	01575	00902	5,03990	3.99975	
-198.990	99.575	.02394	.02676	.00532	04216	.01557	00602	5.05400	3.99196	300,09000
-290.789	199,730	.02159	.92916	.90550	95447	01769	00002	5.03799	4.06440	300.32000
-196.520	490,949	.02051	.02326	.00189	06097	51770	-,00002	4.97170	3.99990	350.67900
		RUN NO.	327/ G RN/L	'L = 5.85						
•	~	3	5	Ð	Շ	š	ਭੱ	CLTALF	CLTBTA	×
-191.799	-99.317	27010.	.01729	.00068	112490	01374	00002	5.01130	4.07689	300.06000
-99.972	.472	.01933	.01693	.95132	01950	01049	00002	5,00060	4.52950	299.87900
-98.778	199,899	.02368	.01796	.00279	02681	00841	00001	5.00390	3.98000	299,77500
-100.019	199,720	.02678	10550.	.00450	03897	00817	00002	5.53585	4.51179	
-199.799	400.030	.01622	.02824	69000	96327	01973	00002	5.00800	4.54939	299,97000

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AEUC/VASZB(IAB/7-OIEIISI-L/7 SNG SETAK-FROM O/E)  PARAMETRIC DATA  SB.5000 IN. XS	XXMRP = 1250.5000 [N. XS	TA XHRP =	REFERENCE DATA = 2690.0000 SG.FT. )
---	--------------------------	-----------	--

	1290.3000 INCHES	THE	.0000 IN. YS	Y.			7	" * * * * * * * * * * * * * * * * * * *		DC 18	
BREF = 1295. SCALE = .	.3990 INCHES	- ARP	490.9999 1	Z. Z.			<b>X</b> ×	X ×	50.0	707	;
		RUN NO. 3	330/ 0 RN/	RN/L = 5.85							
>	2	ટ	3	Ğ	Շ	Š	ಕ	DLTALF	OLTB TA	3.T.A	×
-396.660	-199.229	.02512	.02198	50700	05844	01418	00002	5.04180		960	11426
-398.715	576.	.02596	.02267	.00626	05783	01416	-,00002	5.02659		40	.05568
-396.660	100,090	.02625	.02237	.00512	05731	01415	00002	5.02320		. 696	09505
-399.045	200.139	.92643	.02172	.00393	05655	01407	-,00002	5.01779		8	-,04328
-396.960	399.750	.92487	11550.	.00314	05979	00923	90002	5.04189		550	96050.
		RUN NO. 3	329/ 1) RN/L	יר≔ 5.86							
>-	~	3	5	Ð	ځ	Š	ಕ	CLTALF			×
-197.539	-191.199	.91736	.02386	.01089	95772	02181	00003	5.07540			05164
-199.750	-1.564	.01966	.02579	.00861	05640	02364	00003	5,09050			.05065
-201.060	96,951	.02047	.02475	.00553	06044	02117	-,00003	5.05690			. 12292
-271.270	199.770	02179	.02211	.00399	06355	01763	-,00002	5.07080	4,08390		.21734
-196.020	396.890	.02542	.02251	.00199	95936	51406	-,00002	5.06160			-,63004
		RUN NO. 3	328/ D RN/L	ι = 5.86							
٠	~	3	3	3	Շ	Š	ਵੱ	CLTALF	CLTBTA		×
-97,502	-99.692	.01533	.02707	62600	04270	02746	00004	5.01270			43841
-99.548	364	.02044	.02744	.00591	03559	02292	00003	5.03230			.10663
-97.366	100.650	.02229	.02916	.00542	04551	02010	00003	4.99769			.16079
-191.440	201.120	.02165	.02983	.05294	05734	02252	00003	4.97900			.20465
-99.464	399.600	92610.	.02236	52100	96256	01509	00002	5.04650			.18412

# AEDC/VAS28 (IA87) -OIETISI-L/H SRB SEPAR.FROH OVET

IAST TABULATED SOURCE DATA

(ATU111) ( 03 OCT 74 )

	REFERENCE DA	DATA						PAG	PARAMETRIC DATA	ATA		
3000 3000 3000 3100	2000.0000 00.PT. 1290.3000 INCHES 1290.3000 INCHES	X X X X X X X X X X X X X X X X X X X	# 1258.5000 IN. X8 .0050 IN. Y5 . 400.0050 IN. Z5	IN. X8 IN. 75 IN. 25			∄ ₹ů×	MACH BALPHA BALP	4.520 P400 8 -5.000 C -5.000 C	PTOTL BETA CBETA		6.200 5.400 4.900
	-	RUN NO.	331/ D R	RN/L = 5.85								
~ 2 2 G	2 99.033 199.520	CN 03806 03341 03274	CA . D2402 . D2227 . D2180	CLM 00255 00597 00707	CY 06440 03696 05765	CYN 01157 01361		DLTALF -4.89740 -4.93770 -4.96170	DLTBTA 3.94310 4.03250 3.97970	•	x 03205 15759	
	-	S	332/ O Rh	RN/L = 5.85								
~ \$ \$ \$	2 99.841 199.900 596.800	CN 03776 03937 03257	CA .02445 .02409 .02231	CLM 00633 00560 01024	CY 06185 05590 05696	CYN 02258 01996 01545	CBL 00001 00001	DLTALF -4.96410 -4.95650 -4.95660	CLTBTA 4.00110 3.96770 3.99650	·	x 15618 .07834	
	₹	Š.	333/ D RN	RN/L = 5.86								
2 90.154 199.640 401.320	2 90.154 199.640 601.320	CN 03621 03286 03581	CA .02562 .02733 .02197	CLM 00851 01177 01179	CY 04475 04079 05682	CYN 02220 02684 51688	CBL 00002 00003 00001	DLTALF -4.88770 -4.97130 -5.00400	DLTBTA 3.92270 3.97120 4.04070		x 25534 17303 .03254	

(A) U112) ( D3 OCT 74 )	PARAMETRIC DATA	4.520 PTOTL = 90.200 400 BETA = 5.400 -5.000 DBETA = 4.000 300.000
AEDC/VASZB (IA87) -OIETISI-L/M SAB SEPAR.FROM OVET	METERENCE DATA	SMET = 2690.0000 30.FT. XMRP = 1250.5000 IN. XS LRET = 1290.3000 INCHES YMRP = .0000 IN. YS BMET = 1290.3000 INCHES ZMRP = 400.0000 IN. ZS  SCALE = .0100 X = E

399.765	~ 3	CN CN CN	CA CA CA CA CA CA CA CA CA CA CA CA CA C	CLH ormo	۲۵	CAN	GEL.	OLTALE	CLTBTA	×
396,720	199.580 400.450	03391	.02436	00342	06197	01375	00000	-4.93590 -4.98835	4.00870 3.94090 3.96570	300.27000 299.96000 350.01000
		RUN NO.	3357 D R	RN/L = 5.85						
187.600 186.000 196.240	2 99.917 190.493 296.655	CN 02997 02948 03226	CA . 02365 . 02660 . 02436	CLM 00880 00886 51280	CY 03965 03963 05320	CYN 01774 02074 62009	CBL -,00001 -,00001	5,74LF -4,37200 -1,126	3.92240 3.97280 3.97280	X 299,88000 299,83000 299,99000

CATE	CATE 25 MAY 75	25			1487	IAB7 TABULATED SOURCE DATA	OURCE DATA				PAGE	349
				AEDC/VAS2	AEDC/VAS28 (1A87) -O1ET151-L/M SRB SEPAR.FROM OVET	ET1S1-L/M S	RB SEPAR.FR	OH OVET		(ATU112)	( 03 OCT 74 )	~ 2
		REPERENCE DATA	4						PAR	PARAMETRIC DATA	_	
A PROPERTY OF THE PROPERTY OF		2000.0000 50.FT. 1295.3000 1MCHES 1290.3000 1MCHES .0100		1256.9000 IN. .0000 IN. 400.0000 IN.	IN. XS IN. 75 23 53			A A Q ×	ALPHA = CALP	4.520 PTOT. -,400 BETA -5.000 DBETA 300.000	» » »	90.200 5.400 4.000
	+ + 553 - 45,032	_		534/ 0 RN/L CA .01521 .01798	7. = 5.86 CLM 00689 00749	•	01103 01220	CBL 02931 02001	0.TALF -4.96270 -4.96170	0,181A 4,00710 4,00690	X 300.34990 300.14090	0.00
	\$ \$	288.660	02813	.52737 AEDC/VAS2	.027370138304974(2137037) AEDC/VAS28 (1A87) -O!ET1S1-L/H 5R8 9EPAR.FROH O/ET	54974 ET1S1-L/H S	:KT3/ RB 9EPAR.FR	Johns	-4.934£0	3.97340	( 03 OCT 74	
		METERENCE DATA	₹.						P.A.	PARANETRIC DATA		
DE STATE		2690.0070 50.FT. 1290.3070 INCHES 1290.3070 INCHES .0100	H H H H H H H H H H H H H H H H H H H	1258.5000 IN. .0000 IN. 400.0000 IN.	N. 75 N. 75 14. 25			ALPAA X PAA CALFH	######################################	4.529 PTOTL 460 BETA .000 CBETA		90.200 5.400 8.000
		•	RUN NO. 33	337/ 0 RN/L	Λ = 5.86							
•	-388.520	-99.894	CN 99 <b>629</b>	CA .02328	CLN .00273	CY 09374	CYN 01810		OLTALF .03669	CLTB TA 7.99320	x .11436	•
• •	-396.630	926	01084	.02549	.00392 2000.	06355	01626	0000	.10069	8.01230	00343	•
, ,	-199.420	199.530	00272	.02332 .02337	00142	06513	01918	00001	.05979	8.06310 7.99050	.00492	
		•	RUN NO. 33	336/ 0 FN/L	۸ = 5.86							
	•	~	3	3	3	Շ	ક	ĕ	CLTALF	OLTB TA	×	
•	-199.990	-190.949	02133	<b>102394</b>	.00592	10156	02723	2000E	.03459	7.99920	22667	_
•	-199.630	666	01343	02400	70200	07533	03361	00004	505505	7.99470	97147	
. (	-197.795	101.290	00742	.02452	92100	05914		#10000 -	61250	7.98615	12616	
•	-199.750	399.649	06600*-	.02401	07.278	75160	-01604	10000	.04056	0.00090	.14630	_

ORIGINAL PAGE IN OF POOR QUALITY

NAME   1256.5000   N. X5		REFERENCE DATA	41						TV.	PARAMETRIC DATA	4	
THEN NO. 340/ 0 RN/L = 5.65  V Z CN CLN CCL CLN CC CNN CBL DLTALF DLTBTA X  1986.393 -1011.903 -100287 -100005 -100282 -100002 -101135 7.97893 390.30003  1986.393 -1011.903 -100281 -100282 -100002 -101135 7.97893 390.30003  1986.393 -1011.903 -100282 -100382 -100002 -101135 7.97893 390.30003  1986.394 -1003.295 -100383 -102382 -100115 -108137 -102022 -100002 -109282 7.9189 390.30003  1986.394 -1003.295 -100383 -102384 -100313 -108137 -101124 -100002 -102444 7.98970 390.11903  1986.394 -1003.285 -100383 -102834 -100383 -102831 -100003 -100002 -100003 -10467 7.98749 299.38700  1986.395 -1003.280 -101132 -100322 -100322 -102831 -100003 -10467 7.98749 299.38700  1986.397 -1003.280 -101132 -100322 -100322 -102833 -102003 -100002 -100003 -10467 7.98749 299.38700  1986.397 -1003.280 -101132 -100322 -100322 -102833 -102003 -100002 -100003 -10467 7.98749 299.38700  1986.397 -1003.280 -101132 -100322 -100322 -102833 -100003 -100002 -100003 -10467 7.98749 -1000003 -100	M m M H	.3000 1NCHES .3000 INCHES .3000 INCHES		1258.5000 1 1 0000. 1 0000.004	7. X. X. X. X. X. X. X. X. X. X. X. X. X.			A PA W	8		** ** **	90.200 5.400 8.000
THE SECOND SOLITAR NO. 100 CA CLM CY CYN CRN CBL DLTALF DLTBTA X 1980.500 - 100.1900 - 1		-										
1984   1901   10021   10020   10020   10020   10010   10020   10010	<b>&gt;</b>	~	3	5	G	Շ	£	ਵੱ	OLTALF	OLTB1A		
1996.577  003  0056   .02213   .00540  06163  02431  00002   .04920   7.99440   299.400000	-346,500	-101.990	09217	.02103	\$0000.	08262	02652	-,00002	.07155	7.978.00		_
**************************************	-396.973	\$00	00510	.02215	00000	00165	02451	00002	04920	7.95449		_
-399.270	-396.370	190.049	00609	.02382	11000	08185	02253	50000:-	.03636	7 94970		
The color   1,00547   1,01514   1,01513   1,	-399.270	092.002	-,073496	.02374	90115	58337	02124	-,00002	.02484	7.96970		_
### 2 CM CA CLM CY CYN CBL CLTALF CLTBTA X  196-449 -100-220 -001732 .02532021920226102003 .04467 7.95749 299.87003  -197-220 99.579 .07020 .0224900192022630224902002 8.03019 300.09000  -197-220 99.579 .07020 .0224201192022530224902002 8.03019 300.09000  -197-220 99.579 .07020 .02242011920225302003 .03562 7.91459 299.59000  -197-220 99.579 .07020 .02242011920224302003 .03562 7.91459 299.59000  -197-220 99.579 .02047 .02242011920224302003 .03748 8.02799 299.75000  -197-220 99.579 .02047 .02242021470224302003 .03748 8.02799 299.75000  -207-20 99.579 .02047 .02242021410214302003 .03748 8.02799 299.75000  -207-20 99.579 .020470224302003 .03748 8.02799 299.75000  -207-20 99.579 .020470214302003 .03748 8.02799 299.75000  -207-20 99.579 .020470214302003 .03748 8.02799 299.75000  -207-20 99.57902003 .0374802003 .03748 8.02799 299.75000  -207-20 99.57902003 .0374802003 .03748 8.02799 299.75000  -207-20 99.57902003 .0374802003 .03748 8.02799 299.75000  -207-20 99.57902003 .0374802003 .03748 8.02799 299.75000  -207-20 99.57902003 .0374802003 .03748 9.0279  .03748 9.02748 9.02748 9.02748 9.02748 9.02748 9.02748 9.02748 9.02748 9.02748 9.02748 9.02748 9.02748 9.027	-396.940	499.279	00543	.02334	00213	98737	01724	-,00001	.02921	7.91165		_
V					n (		į	ŧ	2	£ 2	>	
-199.440 -100.28001732 .0233700022068530286100003 .04467 7.386749 .299-37000 -197.280 99.379 .0225200192052250249900002 .04062 7.91430 300.19000 -197.280 99.379 .000247 .02646026260236300003 .05662 7.91430 300.19000 -199.290 199.710021470267600343062660256300003 .05662 7.91430 299.59000 -199.290 199.710021470267600343026240252300003 .05798 8.02790 299.59000 -200.200 400.200 400.2000104902554003170927402214300003 .05798 8.02790 299.59000	<b>&gt;</b>	2	3	5		ָ כ	2	9	3			
-870,790 .3740995 .0225200192052250249900002 8.03010 310.49570.  197.280 99.579 .00720 .024020026604620236300003 .03662 7.91450 299.59000 .197.280 .90.570 .00147 .0267600383062660258300003 .03662 7.91450 299.79000 .90.57000 .00147 .0265600383062660258300003 .03799 8.02790 299.75000 .00147 .025540035170920407214300003 .03799 8.02790 299.75000 .00147 .00147 .0015170920407214300003 .00147 .00151709301 .001151 (.03 OCT ACT ACT ACT ACT ACT ACT ACT ACT ACT A	-196.449	-100.280	91732	.02337	00022	06853	02961	-,00003	.04467	3	-	
-197.280 99.579 .00020 .02402002680236300003 .03662 7.91450 299.59000 -198.890 198.710 \.003147 .0267600383062680258300003 .09798 8.02790 299.75000 -198.890 4000 400.60001049 .025540031709204021430900100341 8.07320 300.27000	200, 700	.374	\$0.600	.02252	00192	05225	02499	00005	04002	8.03019		_
-196.850 196.710 \ .00147 \ .0267600363062660256300003 .09798 8.02790 299.75070 -200.75070 400.66001049 .025540031709264021430000100341 8.07320 300.27000 -200.7507001049 .025540031709264021430000100341 8.07320 300.27000	-197.200	\$5.579	(1500E)	20120	00268	£4962	02363	99903	.05662	7.91450		_
######################################	-196.655	136.719	7.00147	.02676	00363	76286	02583		96760.	8.127.93		_
### AEDC/VAS28(1A87)-OMETISI-L/M SGB SEPAR-FROM OVET (ATUIIS) ( 03 OCT ####################################	- 200 - 600		01049	.52554	-,00517	M260	52143	95501	50341	6.97320		_
#EFENDAGE DATA  * 2690,0000 90.FT. XHRP = 1256.5000 IN. XS  * 1290,3000 INCHES YHRP = .0000 IN. YS  * 1290,3000 INCHES YHRP = .400 BETA = .400 BETA = .400 BETA = .400 BETA = .400 BETA = .400 INCHES YHRP = .400 BETA = .400 INCHES YHRP = .400 BETA = .400 INCHES YHRP = .400 BETA = .400 INCHES YHRP = .400.000 INCHES YHRP = .400.000 INCHES YHRP = .400.000 INCHES YHRP = .400.000 INCHES YHRP = .400.000 INCHES YHRP = .400.000 INCHES YHRP = .400.0000 INCHES YHRP = .4				AEDC/VAS2	18 (TAB7) -OLI	ETISI-LM S	RB SEPAR.FR	73/0 MG		(ATU115)	( 55 001	2
* 2690,0000 30.FT. DORP = 1256,5000 IN. XS		NOTERBACE CA	Ā						P.A.	AMETRIC DA	47	
* 1299.3000 INCHES YNEF =000 IN. YS ALPHA =400 BETA =400 BETA =400 BETA =400 BETA =400 BETA =400 BETA =400 IN. ZS	*	.0000 50.FT.	XD4RF =	1 256.5000 1	N. XS			¥	11		,,	90.200
* 1980 NOTE THE STATE OF STATE	*	SOND INCHES	YMER	1 0000	N. YS			¥ ¥	••		TA =	5.400
	•	None Property	7000	1 0000,000	N. 75			CALF	11		ETA =	0.00

2000	mm so.FT.	XD4RF	= 1258.5000	IN. XS			3	11 T	4.520	PTOT	**	8
1000	SOUR INCHES		6000	IN. YS			4	" <b>≨</b>	400	BETA	"	'n
200	SOUD INCHES		= 400.0000 IN. ZS	IN. ZS			CALFHA	# <b>¥</b>	\$.000	CBETA	**	•
SCALE :	0610						×	**	300.600			
		See NO.	3417.0	RN/L = 5.85								
•	~	3		M)	ç	£	ಕ	D, TA			×	
-40.000	-199.469	.72435	12820.	.90758	-,06673	02284	- 0000	5.06600		8,008,90	300.07000	2002
-479.989		.02544		09900	06636	02233	00003	5.080			8.0	000
-340.659	\$6.535	58793		.00466	98774	92127	00002	5.039			8	2006
-499.490	199.285	.02757		.06399	09169	01964	-, 05002	5.064			2.6	2000
-366.049	399.660	05750		. OC274	64060*-	91725	-,90062	5.541			50.02	

### \$0.200 5.400 8.900 PTOTL = BETA = CBETA = PARAMETRIC DATA 4.520 -.400 5.000 300.000 MACH = ALPHA = DALPHA = X AEDC/VAS28 (1A87) -OLETISI-L/H SRB SEPAR.FROM O/ET YMMP = 1254.5000 IN. XS YMMP = .0000 IN. YS ZMMP = 400.0000 IN. ZS REPERENCE DATA SACT : 2640.0000 38.FT. 1 LMCT : 1240.3000 INCHES 1 BACT : 1240.3000 INCHES 2 SCALE : .0100

		<b>10</b>	342/ 0	# J/#	z 5.85	<b>5</b>						
7 186.840 200.320 186.190 201.890	2.2.4 0.2.4 0.2.3.4 19.620 19.1.104	CA 2015292 2026412 202041 202053		CA .02430 .02503 .02646 .03403	CL# .00559 .90356 .90302 .00401	CY 05737 05149 06966 07911	CTN 02945 02726 02729 02183	CBL 00003 00003 00003 00003	0.TALF 4.96360 5.03630 5.04710 5.04690 4.96760	DLTBTA 6.05300 8.02170 7.95970 6.06640 8.02320	X 299.64000 390.16000 390.03000 390.46990 390.16000	
			Ş		1	TAC MORP dady May by ListTac, (Taki) essue year		1300		(ATU116)	( 03 OCT 74	

	90.200 5.400 8.000
CATA	FTOTL BETA DBETA
MRANETRIC CATA	4.520 400 5.970 .004
٠.	
	MACH ALPHA EALPHA X
REFERENCE DATA	9467 x 2600,0000 30.5T, 1006 x 1250.5000 IN, XS LAGY x 1290.3000 INCHES YHRP x .0000 IN, YS BART x 1290.3000 INCHES 2MRP x 400.0000 IN, ZS 9CALE x .0100

		<b>3</b> 80	3447 9 RM/I	RN/L = 5.86						
•		3	5	E C	ځ	Ē	룡	DLTALF	CL TB TA	×
-107	-101.167	.02230	.02522	.00091	08898	01005	-, 900R	5.04370	7.96230	.2620Z
	2	22820	.02376	.93529	06518	02035	0000	4.99020	8.01080	.04933
	1901.130	32645	.02401	.90444	06719	01065	-,0000	5.02010	7.95795	01738
3	200.00	.92773	.02448	.00393	19690	01745	00002	5.02950	7.96980	.00661
-397.490	400.200	.02754	0.00	\$9200	09148	01359	-,00002	3.02060	7.90710	34925
		RUN NO.	3437 D RNA	RN.1 = 5.86						
>	~	3		3	ځ	Ē	ŧ	CLTALF	Q. TB TA	×
-100,040	-191.629	12210.		09010	07416	03316	+.00004	5.19659	7.97369	13917
100.50	\$	22420		.00619	97288	03203	-,00004	5.02940	7,99100	16233
-100.630		92 mg		.90302	08315	92738	<b>+</b> 00000*-	5.03300	7.99610	07646
-199.679	199.995	.02491		.07259	99250	02286	00003	5,02600	7.99830	1490A
3.	390.010	.92471	.52437	1120.	!!9439	01769	00002	5.04569	7.99540	.05699

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# AEDC/VAS28 (1A87) -O1ET151-L/H SAB SEPAR.FROH O/ET

				AEDC/VA328 (1A87) -O/ETISI-L/H SAB SEPAR.FROH O/ET	<b>DE1</b>	(ATU1)	(ATU117) ( 53 OCT 74	20 82	. 27
ī	EFERENCE CATA	<b>.</b>			_	PARAMETRIC DATA	CATA		
H	00 Se.FT.			1258.5000 IN. XS	HACH ::	4.520 PTOTL	PTOT	**	002.06
C#CF : 1290.30	100 THENES	į	H	: .0000 IN. YS	ALPHA	450	BETA	<b>)</b> 1	5.400
BACF # 1290,3000	NO INCHES	1		: 400.000 IN. 25	CALPHA =	-5.000	CBETA	**	000.
#CALE = .01	8				# *	900			

### RN/L = 5.85 RUN NO. 345/ 0

<b>~</b> -					_	
7 04258 00281	16793		×	32037	94684	.18731
0,1814 7,97830 8,03620	7.99250		CLTBTA	6.00050	7.92150	0.90149
DLTALF -4.91010 -4.89660	-4.96170		CLTALF	-4.97720	-5,02000	-4.95850
.9990	10660		ਵ	-,00003	00003	100000
01765	01673		£	03201	93115	61020
.09363	00064		Շ	07910	96997	0661
CLM 00153	90752	RN/L = 5.85	3	00662	00942	01045
CA .02624	.0230	346/ D RN	3	.02495	.02163	.02377
04396	03467	EN NO.	3	94257	03568	03524
2.52 2.52	399.970		~	516.66	200.700	399.719
-300.090	-399.660		>	-199.649	-196.905	-199.530

### (ATU118) ( 93 OCT 74 ) AEDC/VASEB ([ABT) -OIETISI-L/M SAB SEPAR,FROM OVET

	NOTERENCE DATA	DATA						Ą	PARAMETRIC CATA	CATA		
	0.0000 SA.FT.		1.58.5000 IN. XS	ž ž			1	 გ	4.520	PTOT		90.200
DAGO : 1240.3000 I	0.3000 INC.ES		400.0000 IN. 25	7. 73 7. 73			₹ 3	CALPINA ::	-5.000	28ETA	11 11	000.0
SCALE :	6610.						×	•	390,000			
		ALM NO. 3	348/ D RN	RH/L = 5.85								
•		3	3	5	გ	Ē	é	CL TALF		BTA	×	
-401.840	\$.047	03364	.02157	00766	06463	02491	00002	-4.95080		873 3	300.64000	000
-34.016		03507	.0236	00653	08363	02225	100001	-4.94610		3 05.1	39.85	92
-307.640		03456	.02407	00633	0900	01890	100001-	-4.90620	7.:1310		P99.91001	<b>5</b>
		<b>S S</b>	347/ D RN/	84.2 ≈ 5.86								
>	~	3	5	H)	5	š	ಕ	DLTALF		CL 18 14	×	
-126.455	₩.670	03330	\$9220	00629	05347	02472	,000ne	-4.93759		2 611	299.65000	200
-139.030		02716	30820	51937	05302	02769	00003	-4.96545		990	310,000,0	000
-186.862		03195	15730	91469	97934	02625	-,00002	-4.989 E			299.91000	90

1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PARAMETRIC DATA	COLUMN TOTAL DESIGN TO ACCOUNT
AEDC/VASE& (IABT) -OIETISI-R/M SAB SEPAR.FROM OVET		
	NEPENDICE DATA	

MALE : 1890.3000 MALE : 1810.3000 MALE : 1810.3000 MALE : 1810.3000 MALE : 1810.3000	1290.3000 INCHES 1290.3000 INCHES		.M. 0000.				···				
	MODEL INCHES		11 0000 001	II. 75			AL PHA			DELTA	666.
- 6. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	2010		Crace cone				×				
9.363		RUM NO. 3	352/ 0 GN/L	Λ = 5.90							
6.55	~	3	3	N <sub>1</sub>	5	ž	ਵੱ	OLTALF	Q.78TA		×
10.49	-9.937	10000	.03743	.01079	00951	.00460	10000	.14888	.0346		
***	222	02798	.03003	91800	02428	.00620	10000	.15522	00564	<b>.</b>	.04853
10.05	99.639	03551	91980.	00002	00620*-	.00487	10000	.15534	01665		.03463
19.644	139.660	03449	9880.	00623	93321	-,00025	10000	.16164	01439	•	11159
19.535	396.640	91429	.02405	-, 90386	05725	90769	00000	16947	01123	•	05606
		RCM NO. 3	3517 0 AN	RM. = 5.92							
•	~	3	5	3	ځ	ξ	ಕ	OLTALF	OLTBTA	⋖	×
20.01	-100.100	0000	296.20	20100	00369	678CO	c.000°	.13659	<b>2000</b>		06617
106.300	-1.020	01005	21380	01/00	00545	05430	00000	21249	00924	•	10660
100.750	£.103	02035	0.690	10800	51520	00618	10000	22875	97817		\$89CG
70.0%	130.940	01213	.02572	10400°	03149	00706	100001-	.13951	. OUA 47	-	18574
2	300.040		90430	00059	04913	16600'-	00001	.15167	.009 71	•	03750
		ğ: 10.	350/ D 88/L	A = 5.83							
•	~	5	3	3	5	ξ	ಕ	OLTAL!	Q. 78 7A		×
100.390	-100.120	00791	.02637	01100	911 <b>92</b>	01611	00001	15263	90106	*	01010
200.240	930	5112	.02844	.00420	01137	18510	10000	.1998	10.7174	·	72336
083.003	100.530		.02643	.00143	02020	01304	00001	5,021	02078		.01556
199.750	679.064	18000	.02483	90133	93139	•221G*-	0000	.11153	00627	٠.	.01193
	335.640	.99079	.02370	-, 00136	04763	01300		.14756	.05931	=	.00191
		<b>10.</b> 3	3497 0 184	THA : 5.93							
•	~	3	5	3	b	Ē	ਵੱ	OL TALF	CL.TBTA		×
¥6. ¥5	-130.359	2.000	13530.	egnoo.	04672	01603	10000	.16130	.04658		76641
499.819	253	10100	.02350	(100.45	05041	01397	10000	.15446	.01147		2416
649.649	229.66	99946	12367	1,1000	05075	01375	10000	14700	. Otte 69	Ī	
499.999	200.180	00054	.02330	0000	05243	01320	10000	.14675	.044.89	•	00992
340.420	679.879	90179	62220	00/25	0573E	01117	10000	.13390	.01736	•	14794

( 33 OCT 74 )

(ATV129)
(1447) -OLETISI-RAH SAB SEPAR, FRON OVET
4EDC/YASE8 (1447)

	2690.0000 56.FT.		1258, 9000 TH.	IN. KS			i		4.520 PTOTL	
פניון ב מניון ב	1290.3000 INCHES 1290.3000 INCHES .0100		.0000 IN.	7. 7. 7. 7.			ALPHA PALPHA PALPHA	8		
		Z	3537 D RPL	16.5 ± 7.91						
•		5	3	3	5	ž	ŧ	OLTAL!	Q.TBTA	×
17.705	-109.420	31400	02120	eckno.	92239	69CCG.	10000	.23910	-,06441	390.11000
10.465	260	02014	02931	<b>16000</b>	93744	67800	20000	.15290	2100	300,00000
19.477	20.017	03942	55180.	27100.	94744	\$3000	20000	19191	-, 99944	370.13700
371.01	199.910	03395	0.360	17100	04593	03473	10000	.14833	.01168	
10.303	491.579	02220	98530	93656	Da964	00882	00000	.09699	.016.50	299.93780
		35 O 35	3547 D RM/L	n = 5.96						
•	*	3	3	G	S	Ē	ŧ	CLTALF	D, 118 TA	×
5	140	- C707A9	2777	. Others	20366	.00240	COCCO.	.17658	90169	299,90000
	2.022	01959	.03522	.95147	01585	.00174	10000	.06497	.06034	300,00000
.13	100.000	-,03054	93572	ACS. 0.	722:30	69000	10000	14761	.65493	375,51900
47.44	C69. ICZ	02543	.03290	00362	02569	07262	00000-	.06868	.08814	5, 5, 67000
199.673	399.769	-,00067	.92419	90313	-,05039	00748	00001	.15494	-,95951	300,06000
		#UN NO. 35	3557 G RN	RN/L = 5.89						
•	~	Š	3	5	b	₹	É	OLTALF.	CL TBTA	×
199.500	-191.945	6.513	.02796	01000	00762	91150	00000	.12366	311150	239,69000
201.455	900	12215	102047	11241	07.439	01054	100001-	13005	53178	299.91000
M1.573	312.66	51486	.02783	.00374	51515	91142	100001-	.27312	01855	299, 98000
200.500	200.390	90512	.02955	00059	12755	01093	000n	.15/26	-,55200	299.95000
139.963	390.945	30000	.02378	-,00679	04485	91171	100001-	.20336	୍ୟ କଥା	300.15930
		FUN 10. 35	3567 D RN	RNA = 5.89						
•	~	3	5	Ę	5	ž	ŧ	CLTALF	D: 81A	×
600.449	-100.119	50159	19520	\$1000	03613		0002	14953	161	299.96000
600.600	154	00233	172571	22000	63908	01839	00002	.15543	-11-1517	350.17000
441.549	100,090	19000	.023.06	177.169	-,04592	-,71500	00001	.13876	76776	
400.540	199.900	\$1000.	. 72386	00117	04965	01362	100.00	.13159	52839	
300.693	396.625	22100	. 1.27.89	ENAN.	1,5403	01237	11/5/5/1	. 15213	Con the Contract	200 065

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DATA
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PAGE 355

						•	AEDC/VAS	28 (1487) -0	AEDC/VA528 (1A87)-OIET1S1-R/H SRB SEPAR.FROM O/ET	SRB SEPAR.FK	ON OVET		(ATU121)		( 03 OCT 74	~ 7.
			REFERENCE DATA	E DATA								ď	PARAMETRIC	DATA		
	SREF = LREF = BREF = SCALE =	2690,0000 1290,3000 1290,3000	2690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES		XMRP :: YMRP :: ZMRP ::	125 1	1258.5000 IN. .0000 IN. 400.0000 IN.	IN. XS IN. YS IN. ZS			MACH ALFHA DALFHA X	11 11 11 11	4.520 -,500 5.200 300.000	PTOTL BETA CBETA		90.200 10.900
				2	RUN NO.	360/ 0	0 RW/L	ハ = 5.88	•							
	- •	→ 0.626	2 -96.597		CN .01511	•	CA .03146	CLN -01110	CY -,04355	CYN .00441	CBL -00001	5.08160	0LTBTA 03655		X 00065,990	_
	<b>•</b>	9.031	2.096		.00485		.03039	.00838	04159	90200	00000	5.06039	67770.		299.75000	
	51	10.540	99.780	<b>.</b>	.00458		.03093	.00586	04148	00337	00001	5.14350	00792	• • • • •	300.000.005 00000.0005	
	•	9.456	401.000	. 6	.01134	•	.02519	00157	04517	00660	00001	5.07590	.01921	•	299.78000	
				2	RUN NO.	359/ 0	9 RN/L	ル: 5.90	D							
•,	-		7	Ĭ	3	J	5	Ę.	Շ	ž	ਵੱ	CLTALF	CLTBTA	T.	×	
	102	102.430	-101-910		.01796	•	.03526	.01501	01921	.00158	00000	5.21290	963 52		300.36000	
	102	102.430	-2.613		.00695	•	.03654	.01329	02109	.00067	00000	5.23580	07327		300,46000	
	201	199,790	99.956		.00555	•	.03524	.00802	02225	00091	00001	5.14270	.00069	_	300.12000	
	201 201	100.690	199.84'D 399.69D		.01985	• •	.03119	.00089	02465	00168 01017	00001	5.14000	00694		390.14900 397.11900	
				\$	RUN NO.	358/ 9	O RNAL	ת≃ 5.89	•							
	*	_	~	J	3	U	₹.	G.W.	Շ	Š	<sub>ල්</sub>	CLTALF	CLTBTA	<b>1</b>	×	
	G02	200.640	-100.290	•	.01056	•	02820	.01016	112797	01003	-,00000	5.16180	-,01000		300,06000	
	<b>2</b> 8	200.590	034	·	.00328	•	02865	<b>19110.</b>	02729	-,00913	00000	5.17630	01707		299.99000	
	2 2	199.519	200.319		.01128	•	02570	.05313	03170	01016		5.09820	CLILLE		299.971171 299.921171	
	. CQ	025.00	399.695		.02231	•	02481	.00501	94334	01373	- 00002	5.15050	00673		390.04990	
				\$	RUN NO.	357/ 0	D RN/L	ר = 5.80	_							

DLTBTA X
-03374 300.21000
--.00047 300.04000
-00244 300.06000
-01808 300.19000

5.17679 5.17679 5.15960 5.15130 5.15620

-.0001 -.0001 -.0001 -.0001 -.0001

CYN -.01534 -.01326 -.01302 -.01302

-.04925 -.05260 -.05227 -.05402 -.05402

CLN .00950 .00721 .00641 .00654

CA .02614 .02450 .02461 .02461

CN .01516 .01938 .02137 .02272

2 -100.690 -.363 99.963 199.670

400.240 400.340 400.520 400.520

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FACE 356

90.200 10.900 (ATU122) ( 93 OCT 74 ) PTOTL BETA CBETA PARAMETRIC DATA 4.520 -.500 5.200 MACH = ALPHA = CALPHA = X AEDC/VAS28 (IA87) -OIETISI-R/H SRB SEPAR.FROM O/ET = 1258.5000 IN. XS = .0050 IN. YS = 400.0000 IN. ZS XMRP THRP REFERENCE DATA SREF = 2690.0000 50.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100

		RUN NO. 3	3617 D RN/L	ハ= 5.88						
>	7	3	ð	Ę	Շ	Š	é	DLTALF	OLTBTA	×
10.513	-99.851	.02139	.03849	,02200	02182	.00661	99901	5.14790	.00426	09764
19.465	.124	.01168	17750.	.01311	02349	.09510	00001	5.13640	.00543	03366
10.001	100.060	17600.	.03668	06100	03082	.00298	00001	5.14970	.01602	.03334
10.953	199.820	91300.	.03199	00415	03139	.00144	-,00000	5.13970	01637	.13338
9.907	397,640	.01835	.02457	.03248	04270	00874	00001	5.22630	.03467	.36461
		RUN NO. 30	362/ () RN/L	/L = 5.87						
<b>&gt;</b> -	2	3	3	ž	Շ	Š	<del>ਰ</del>	CLTALF	OLTB TA	×
199,419	-99.891	06210.	.02862	.01521	02981	-,09404	-,00001	5.13550	50,700.	11833
101.520	1.797	06500	.03007	.91289	02382	00249	-,00000	5.08620	03236	16006
199.629	99.713	99266	.02775	.00546	92481	00305	00000	5.14540	[4]942	01657
109.600	199.745	61019	.02594	.00283	:12965	00794	00001	5.14129	00769	.06024
101.060	399.810	.02269	.02462	.00408	04059	91315	00002	5.15150	01495	.03561
		RUN NO. 30	3637 G RN/L	/L = 5.87						
>	2	3	3	C.	Շ	Š	ම	CLTALF	CLTBTA	×
290.050	-151.185	.00459	.02773	.91178	53362	01203	00000	5.18879	.00974	.11161
200.970	844	.99561	.52619	52600	93244	01064	00000	5.17660	02729	.11286
201.920	99.865	.95824	.02630	66900	53241	91132	00001	5.14310	54935	.20377
203.320	200.500	.51449	.02547	.0581	03597	01240	00001	5.14110	08964	.21222
199.390	399.180	.02341	.02486	.00525	54827	01433	00002	5.17360	25.650	.24799
		RUN NO. 36	3647 0 RN/L	'L = 5.87						
>	~	3	đ	Ğ	Շ	Š	g e	OLTALF	DL TE TA	×
499.629	-100.200	.92169	.02384	.00632	05626	01199	00001	5.15169	00849	.03651
399.719	292	.02196	.02431	.00638	05496	01257	90001	5.15169	.91213	52512
401.290	99.934	.02305	.02451	60900	05489	51277	00001	5.15220	91685	.21661
499.349	199.895	.02394	. 52426	.00554	05575	91256	99991	5.14270	90475	.94575
400.870	399.900	.02560	.02287	.95465	05996	01040	90091	5.12700	05044	.14582

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CATE 20 MAY 75

1A87 TABULATED SOURCE DATA

PAGE 357

CAIL CU MAY 13	•			284	IAST INBULATED SOURCE CATA	CONCE DATA				Ĺ	
			AEDC/VAS:	28 (1487) -01	AEDC/VA528 (IA87) -OIETISI-R/H SRB SEPAR.FROM O/ET	RB SEPAR.FR	IOM OVET		(ATU123) ( 03 OCT 74 )	03 0	1 24 2
	REFERENCE DATA	ATA						PAR	PARAMETRIC DATA	¥.	
SREF = 2690 LREF = 1290 BREF = 1290 SCALE =	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES	XMRP :: YMRP :: ZMRP ::	1258.9000 IN. XS .0000 IN. YS 400.0000 IN. ZS	.9000 IN. XS .0000 IN. YS .0000 IN. ZS			A G X	MACH = ALPHA = -4	4.520 FT 500 BE -4.900 CBI	PTOTL = BETA = CBETA =	99.209 10.900
		RUN NO. 3	368/ O RN	RN/L = 5.87							
7 10.013 11.003	2 99.477 199.440 399.660	CN 07711 09019 06188	CA .03937 .03612	CLM 00703 09922 00646	CY 01587 02625 05446	CYN .00433 .00081 01058	.00903 .00003 .00001	DLTALF -4.83530 -4.83600 -4.83350	DLTBTA .01502 01379 01688	x 05280 15152 27143	.80 52 43
		RUN NO. 3	367/ 0 RN	RN/L = 5.87							
7 100.330 105.000 100.680	2 99.877 199.640 401.750	CN 05850 06437 04605	CA .03130 .02974 .02526	CLM 05100 05022 05509	CY 02236 02502 05760	CYN 00636 01054 00834	CBL .00001 .00000	DLTALF -4.85950 -4.78900 -4.90730	DLTB TA 005 90 066 55 023 16	x 01801 .26447 .07647	91 47
		RUN NO. 36	366/ 0 RN	RN/L = 5.88							
7 200.620 200.040 199.500	2 190.059 201.000 490.239	CN -,03405 -,03459 -,03466	CA .02635 .02625 .02458	CLM .00031 06213 06322	CY 02631 03827 05819	CYN 51467 51357 90907	CBL 00001 00001 00000	DLTALF -4.85850 -4.89620 -4.88180	CLTBTA (1)808 00046 04318	x 06049 .08931 23740	5 % G
		KUN NO. 365/ 0		RN/L = 5.87							

x .02052 .01065 .17763

CLTBTA .00866 .01409

DLTALF -4.86500 -4.86550 -4.85660

OBL -.00001 -.00001 -.90000

CYN -.51205 -.01153 -.51111

CY -.05694 -.05858 -.65958

CLM -.99732 -.99694 -.99549

CA .02331 .02341 .02329

CN -.02479 -.02592 -.02913

2 99.898 200.290 400.190

400.390 400.580 400.570

### AEDC/VASZ8 (1A87) -OLETISI-R/H SRB SEPAR.FROM O/ET

(ATU124) ( 03 OCT 74 )

	99.200 10.900 .000	000 0000	000	0000
_	# # E	X 299.85000 299.96000 300.16000	X 299.69900 300.00000 299.99000	X 300.12000 300.120000 299.76000
PARMETRIC DATA	4.520 PTOTL 500 BETA -4.900 DBETA 00.000	.05835 .01914	CLTBTA 06823 .09723 01396	5LTBTA 09104 00225 01653
PARAME		DLTALF -4.85410 -4.85390 -4.94409	DLTALF -4.82689 -4.81920 -4.84080	DLTALF -4.91370 -4.79690 -4.76510
	MACH ALPHA BALPHA X	CBL .00002 .00002 .00002	CBL .00001 .00002	CBL 59909 59009 . 99000
		CYN 00308 00378 00807	CYN -,00017 -,00208 -,00943	CYN 00729 01054 00849
		CY 02647 03931 03117	CY 01497 02938 05565	CY 03154 03833 05749
	4. 75 4. 75 4. 25	RN/L = 5.87 CLM 03847 09778	CLM 00919 00585	RN/L = 5.87 CLM 00371 00387
	1256.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	369/ D RN/ CA .02957 .03472	370/ 0 RN/L = CA CL0352403603002597000000000	371/ 0 RN/ CA .02742 .02898
44	H 48842	CN CN CN 07969	CN CN 56111 07565	CN CN04118
REFERENCE DATA	.0000 89.FT. .3000 INCHES .3000 INCHES	2 99.014 199.840 402.340	2 98.572 205.380 399.640	2 100.650 199.760 397.200
₹	0621 I	, 11.701 9.771 11.362	, 102.389 97.065 100.759	7 202.770 202.180
	SREF LREF BREF SCALE		•	·

PLTBTA X -.01082 300.03000 -.05510 299.98000 -.01636 300.02000

CLTALF -4.86070 -4.86430 -4.84490

CBL -.00001 -.00000

CYN -.01427 -.01170 -.01695

CY -.05986 -.05643 -.05927

CLM -.00761 -.00765 -.00617

CA .02445 .92397 .62316

-.02254 -.02350 -.02735

99.961 199.840 399.610

400.680 491.179 490.419

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RUN NO. 372/ D RN/L = 5.87

ACC 3044	(ATU125) ( 03 OCT 74 )
	(ATU185)
יאפין ואפטראונים פסאנא מאוא	AEDC/VASES(: JP)-OIETIS1-R/H SAB BEPAR,FROM O/ET

BAEF : 2000 LREF : 1290 BAEF : 1290 SCALE :	2660.0000 1290.3000 1295.3000	BG.FT. INCHES INCHES	XERP YERP ZERP		1238.5000 IN. .0000 IN. 400.0000 IN.	IN. XS IN. 75	_			MACH ALPHA DALPHA X		4.580 500 .200	PTOTL BETA DBETA	W W #	90.200 10.909 -4.909
			RUN NO.	375	375/ D RN	RN/L =	5.87								
>	~		3		ర	2		Շ	ž	ಕ	DLTALF		OLTBIA	×	
190.329	-100	0.150	.00023		.02655	8	.00340	.01764	.00383	• .00000	.16114	7	M 90	13806	90
150.615	•	019	92121		.03020	Ğ.	.00644	.00333	.01053	20000	.15562		Ü690	09303	50
100.600	\$	9.897	02915		.02923	71200	217	-,00762	.00867	20000	1536	7 -4.05549		04497	10
99.978	198	0.970	02582	_	.02553	-,00200	233	01690	79000	.00001	.14593	3 -3.99310		11361	61
191.609	<b>4</b>	1.420	91711		.02367	00113	113	02625	00422	••00000	.9219	0 -4,07190	061	.16878	8
,	•		RUN NO.	37.		RNA =	5.88	į	į	į			į	1	
-	•		5		5			5	25	3	ב ב כ		CLIBIA	×	
200.590	133	0.210	00126		.02895	00012	215	.02266	01216	-,90991	.14150	0 -4.00670	670	.04276	92
200,670	7	922.1	01989	_	.02967	.00726	726	.91452	00981	.00001	.22503	3 -4.01990		10789	89
200.670	196	3.350	02464		.02896	.00747	747	.00456	00785	.0000	.14745	5 -4.02130	130	.97871	2
199.425	Ę	1.479	01734		.02542	.00176	176	00689	00661	-, 00000	.06574		740	04225	25
196.550	28	.420	91124		.02349	.00107	197	61995	50748	-,00001	.14764	194370	370	17351	8
			NO.	373	373/ Q RN/L	и	5.88								
-	7		3		5	3		Շ	Š	ਵੱ	DLTALF	CL TB TA	9TA	×	
399.640	\$	.771	00487		.02586	.00118	118	00052	01930	0002	.13122	•	·	D8819	19
399.180	;	.909	90700		.02565	.00268	89.	00583	91725	00002	.19381	-	•	06596	<b>%</b>
400.630	ż	.756	90197		.52334	0000	5	01518	01216	-,00001	.14437	-4.00385	3.85	.01833	33
400,900	200	179	00348		.02345	.00728		01748	01186	00001	.15855			97973	E,
399.990	400	.260	00305		.52218	Š		02289	01097	00001	13/29			.08296	<b>%</b>

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(ATU126) ( 93 OCT 74 )

VE1
FROM.
SEPAR
SES
-R/H
ET1S1
<u>5</u>
(146
VA 528
AEDC/

	7
N. ZS	400.0000 IN.
RN/L = 5.88	376/ f) RN/
CLM	5
.00378	.03307
00014	. 93312
00126	.03456
00495	•
00242	.02420
= 5.87	377/ 0 RN/L =
Ę.	₹
.00030	.02602
71100	.02679
.00540	.02796
.00329	.52672
-,00018	.52350 -
5.88	378/ 0 RN/L =
נר נר	ర
.00036	.02574
.00200	
.00400	.52685
00004	
.00965	.02259

1A87 TABULATED SOURCE DATA

DATE 20 HAY 75

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()

REFERENCE DATA  SARET = 2690.0000 30.FT.  LREF = 1290.3050 INCHES  BARET = 1290.3050 INCHES  SCALE = .0150  Y Z  100.310 -99.921  100.290013  100.350 99.883									
2 2890.0000 2 1290.3000 2 025.001 2 7 7 2 89- 015.001 2 7 7 2 99- 015.001 2 99- 015.001 2 99- 015.001	ATA						PAR	PARAMETRIC DATA	NTA
	XMARP II	1258.5000 IN. .00000 IN. 400.0000 IN.	IN. XS IN. YS IN. ZS			MACH ALPHA CALPHA X	 	4.520 B6 500 B6 5.200 C6 5.000.000	PTOTL = 90.209 BETA = 10.909 CBETA = -4.090
	RUN NO.	381/ 0 RN/L =	5.87						
	3	5	ð	Շ	Š	G	DLTALF	CL TB TA	
	.02370	.03297	.01303	01023	.91403	00000	5.15100	-3.99570	
	19600.	.03493	01010	01428	72110.	00000	5.15250	-3.99270	
	.99327	.03391	50700.	01355	00600*	00000	5.15939	-3.99829	
	20200	.03154	.00256	00972	.00534	00000	5.14680	-3.99580	
	.95782	.02386	.00271	01678	00446	99991	5.08670	-4.08369	. 299.93000
	RUN NO.	3807 0 RN/	RN/L = 5.87						
2	3	3	<b>X</b>	Շ	Š	ම්	CLTALF	CLTBTA	
200,490 -100,390	10050.	.02614	.00840	00362	00165	-,00000	5.16580	-4.00089	
	.00875	.02742	.01138	99746	00033	.00001	5.19919	-4.02390	
	.00471	.02659	92600	<b>-</b> .00928	00167	00000	5.11380	-3.97010	
	57500.	.02557	.00657	01053	00415	- 00000	5.08500	-3.93940	
197.660 399.610	.00954	.02383	96500	91674		00001	5.13195	-3.89575	3 299,82000
	RUN NO.	379/ G RN/	RN/L = 5.87						
,	3	5	H J	ځ	ž	ខ	CLTALF	CLTBTA	×
399.960 -99.736	90310.	.92571	62800	01015	01455	00001	5.11860	-3.96569	
	01010.	.02537	.01009	01570	91237	00001	5.18860	-3.95855	
13	.91537	.02369	.00693	-, 02081	00973	00001	5.13789	-4.91970	
	11510.	.02379	.99746	92257	01001	00001	5.14690	-4.91989	
400.510 399.910	.91862	.02261	.03680	02739	-,00958	90001	5.14020	-4.99959	0 300,02000

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( 93 OCT 74 )
(ATU128)
AEDC/VAS28 (TABT) -OIETIS1-R/H SRB SEPAR.FROM OVET

	REFERENCE DA	IIA						ř L	PARAMETRIC ONTO	<b>.</b>	
94EF = 2690. LINEF = 1290. CALE = 2690.	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XHRP = YHRP = ZHRP =	= 1258.5000 IN. = .00000 IN. = 405.0000 IN.	4. XS 4. ZS			MACH ALPHA CALFHA X	n n n a	4.529 PT500 BE 5.290 DG000.	PTOTL BETA BETA BEETA	= 90,200 = 10,900 = -4,000
		SCN NO.	362/ 0 RN/L	5.87							
-	~	3	5	CL*	Շ	Š	ਰੰ	DLTALF	Q.TBTA		
97.842	-100.910	.02225	91750.	.91424	01050	816GU	-,00000	5.17850	-3.91550		.15371
199.349	1.896	.91531	.02956	.91139	00988	.01025	00000	5.07390	-4.01510		50575
199.559	629.66	12100.	.02769	.00628	-,00815	.00523	- 00000	5.15240	-4.00629		0000
199,799	199.660	.99411	. 52553	.00404	01313	00065	- 000000	5.14280	-4.01079		00163
199.610	399.739	.99842		.05469	01661	00680	99931	5.14680	-4.00950	6	.03588
		Z NO.	3837 0 RN/L	1 = 5.87							
,	•	3	5	X C	Շ	N.	Ð	CLTALF	CL TB TA	<	×
7 000	100 200	0.860		92010.	10900	00626	00000	5.16080	-3.99329	c	.04085
200.000	200.00	64010		61110	90794	-,05487	00000	5.22430	£-3.9999€	Ć,	.03280
2011.190	95.5	A 6010	12837	יייזיקרעי	10896	05443	00000	5.16190	-4.054.00	5	.19009
200 300	33.136	FCT.00		ADSOLD.	01062	-,00621	COUCH -	5.13980	-4.90619	6	.19243
194.790	396.320	10210		.90732	01892	51591	90001	5.20920	-3.92279	o	.13139
		RUN NO.	384/ D RN/L	1 = 5.88							
•	^	3	3	Đ	Շ	ž	Ą	CLTALF			*
. 679	יו שון יושטו	.01542	.92385	70900	01886	01207	-,00001	5.14660			54497
400	254	91754		.00658	02200	91924	00001	5.12760	-4.04060		04154
470	8.814	.131685		.00711	02318	91919	00001	5.15879	-4.91439		.03333
010	1847 287	71747		61796	52517	79600	-,00001	5.15350	-3.99860		
		900.0		17614	1099.	O/1875	10000	5.12779	-4.02619	·	57138

### ### ### ### ### ### ### ### ### ##	CATE 29 MAY 75				1487	1AB7 TABULATED SOURCE DATA	COURCE DATA				PAGE 363
NAME   1   1284-1500   N. X3   NAME   1   1284-1500   N. X3   NAME   1   1284-1500   N. X3   NAME   1   1284-1500   N. X3   NAME   1   1284-1500   N. X3   NAME   1   1284-1500   N. X3   NAME   1   1284-1500   N. X3   NAME   1   1284-1500   N. X3   NAME   1   1284-1500   N. X3   NAME   1   1284-1500   N. X3   NAME				AEDC/V.	A528 (TAB7) -01	ET151-R/H 5	IRB SEPAR.FR	KON OVET			( 93 OCT 74 )
NACH   2   1258-15000   Na. 35   NACH   2   4,120   P101   2   1   1   1   1   1   1   1   1	ä	ENCE DA	47						PAR		
HW/65   ZweP	00	SA.FT.		1258.5000 2000.				ई रे	,, ,,		
THE HOL. 387 O RHVI = 5.67  CN CA CA CAN CAN CAN CAN CAN CAN CAN CAN	6 6	1mCHES		400.000				ž ×	<i>u</i> 11		
CH   CH   CH   CH   CT   CT   CT   CT		<b>~</b>									
1,100   -,07259   -,02582   -,00113   -,0063   -,0026   -4,16350   -4,01350   -4,0054   -,0056   -4,0550   -4,01350   -4,0054   -4,0550   -4,01350   -0,0140   -0,0000   -4,0550   -4,04470   -,0144   -,0165   -,0144   -,0165   -,0144	~		3	3	5	ઠ	Ē	ಕ	OL TALF	CL.TBTA	×
1.979  01627   .02719  00224  01063   .00126   .00004   -4.85310   -4.00470   .10660   .10660   .10660   .10660   .4.00470   .10660   .10660   .10660   .4.00470   .10660	8	661.	07299	.02982		01900	97400.	<b>,0000</b>	-4.85900	4.01580	\$0280.
CN   CA   CLN   CTN   CN   CN   CN   CN   CN   CN	85	000	05636	.02719		01063	.90128 90426	.00004	-4.85310	-4.09649	.01409
CN CA CLN CY CYN CDL DLTALF DLTBTA X 0.1170  1.50-5005954 .02962 .00374 .0036701031 .00002 -4.66290 -4.00720 .01170  1.50-5006433 .030070753807643 .00064 .00002 -4.66290 -4.007500537  1.50-6006437 .0243107623607643 .00064 .00002 -4.63490 -4.0075007590  1.50-6006437 .0245107623607643 .00002 -4.63490 -4.0375007590  1.50-6006437 .024510762307643 .00002 -4.63790 -4.0379007590  1.50-6002632 .0246707474014320151102001 -4.9390 -3.907900591  1.50-6002632 .0246707474014320151102001 -4.63790 -3.907900591  1.50-6002632 .0246707474014320151102001 -4.63790 -3.907900591  1.50-6002632 .0246707474014320151102001 -4.63790 -3.907900591  1.50-6002632 .02467074210243201172002001 -4.63790 -3.90790 -3.907900591  1.50-6002632 .02467074210243201172002001 -4.63790 -3.90790 -3.907900591  1.50-6002632 .02467074210264201172002001 -4.63790 -3.90790 -3.907900591  1.50-6002632 .02467074210264201172002001 -4.60790 -3.90790 -		_			**						
0.150	~		3	3	ð	Շ	ξ	ਵੱ	OLTALF	Q.TBTA	×
1.00	5	.130	05864	.02962		19600	01031	10000	-4.86290	-4.00720	.01703
NUM NO. 385/ 0 RW/L = 5.88	2	OM:	06453	70080		00892	00060	.0000	4.63450	-4.00769	06370
CA	8	690	04547	.02451	00238	(12635	00645	100001	-4.95480	-4.90330	07362
CN		_									
1.09002632 .024670044014320107200001 -4.69390 -3.99200 -3.0991  1.10002439 .7222100501024620107200001 -4.65290 -4.0037000921  1.10002439 .7222100521025650107200001 -4.65290 -4.0037000921  1.10002439 .7223900521025650107200001 -4.65290 -4.0037000931  AEDC/VAS26 (IAA7) -OLET1S1-R/M SAB SEPAR.FROM O/ET (ATU130) ( 03 OCT (ATU130) (  03 OCT (ATU1	~		3	3	CLW	გ	ક	ਵੱ	OLTALF	CLTBTA	×
1.09002439 .7222100608024620100200001 -4.65290 -4.0137001002  3.18002666223900321025850102000000 -4.66000 -3.99200 .1308  AECC/VAS28 (IA67) -OXET151-R/H SMB SEPAR.FROM O/ET  RECC/VAS28  (IA67) -OXET161 -OXET161 -OXET161 -OXET161 -OXET161 -OXET161 -OXET161 -OXET161 -OXET161 -OXET161 -OXET16	\$	.504	52632	.02467		01432	01511	10000	-4.83590	-3,90700	06919
3-160026662259032210256501020 -4.66000 -4.66000 -3.99200 .1308  AECC/VAS28 (IA47) -OLET1S1-R/H SAB SEPAR.FROM OVET (ATU130) ( 03 OCT S4.75	£	8	02439	1222	-, 50600	05462	01002	00001	4.85290	-4.00370	00922
### ### ##############################	Ŝ	.163	02606	6522		02585	01020	-, 99090	-4.86000	-3.99200	.13065
### FARMETRIC DATA  ##################################				AEDCZVI	A528 (TA67) -OE	ET151-R# S	AR SEPAR.FR	OH 0/ET			
84.FT. XNRP = 1256.5000 IN. XS  INCHES YNRP =900 IN. XS  INCHES YNRP =900 IN. XS  INCHES ZNRP x 400.0000 IN. XS  INCHES ZNRP x 400.0000 IN. XS  RUN NO. 3867 0 RN/L = 5.87  CN CALPHA =900 GETA = XX  CN CALPHA =900 GETA = XX  CALPHA =900 GETA = XX  CALPHA =900 GETA = XX  CALPHA =900 CRETA = XX  CALPHA =900 CRETA = XX  CALPHA =900 CRETA = XX  CALPHA =900 GETA = XX  CALPHA =900 CRETA = XX  CALP	FER	DACE DA	7						P.A.P.	AVETRIC DATA	
INCHES YMEP = .FOOD IN. YS  INCHES ZMEP = 400.0000 IN. ZS  INCHES ZMEP = 400.0000 IN. ZS  INCHES ZMEP = -4.900 DBETA = -4.900 DBETA = -4.900 DBETA = 2.500 BETA =		9		1256.500				3	"		11
INCHES   ZHEP = 4001.0200   IN. ZS		NC NC		ion.				₹	н		"
RUN NO. 388/ 0 RN/L = 5.87  CN CA CLM CY CYN CBL DLTALF DLTBTA 1.59506174 .0326901159 .00615 .00731 .00002 -4.83469 -4.01070 1.01007035 .0326801127070656 .00654 .00003 -4.83170 -3.93149 1.57005504 .02501006610314100243 .00002 -4.83609 -4.01570		NCHES.		400,000				ő×	' S	_	
CN CA CLM CY CYN CBL BLTALF BLTBTA		•									
06174 .0326001199 .00613 .00731 .00002 -4.63460 -4.01070 07135 .0326601127070656 .00554 .00003 -4.63170 -3.93140 05504 .02501006610314100243 .00002 -4.83600 -4.01570	~		3	5		Շ	£	é	CLTALF	CL TB TA	×
07035 .032880112700856 .00654 .00003 -4.65170 -3.93140 05504 .02501008610314100243 .00002 -4.63600 -4.01570	\$	. 595	96174	03260		\$1900.	.00731	20000	-4.83460		300.06900
05504 .02501008610314100243 .00002 -4.83600 -4.01570	<u>.</u>	010	07035	.53288	91127	90056	.00654	50003	-4.85170		00016166
	3	. \$79	05804	.02501	00061	93141	00243	20000	-4.83600		990.06000

CLTBTA X -4.04689 300.16000 -4.07720 300.23000 -4.07630 299.96000

CL TALF -4.93170 -4.80150 -4.85360

.00001 .00003 .00003

-.00**597** -.09415 -.00552

CY .00163 -.00915 -.02766

CLM --.00428 .00094 --.00328

CA .0**2623** .0**2826** .5251**2** 

CN -.05692 -.06461 -.04839

2 101.235 199.940 399.970

201.904 203.420 200.860

RN/L = 5.87

RUN NO. 3897 0

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### AEDC/VASSB (IABT) -OIETISI-R/H SAB SEPAR.FROM OVET

IABY TABULATED SOUNCE DATA

(ATU130) ( 93 OCT 74 )

REFERENCE DATA  REFERENCE DATA  REPG.0000 96.FT. XHRP = .00.00 IN. 75  REPG.3000 INCHES YHRP = .00.00 IV. 75  REPG.3000 INCHES ZHRP = 400.0009 IN. 25  COLOG		
REPERENCE DATA  REPERENCE DATA  REPG.0000 94.FT. XMRP = 1258.5000 IN. %\$ 4.529 PTOT  REPG.3000 INCHES YMRP =500 BETA  REPG.3000 INCHES ZMRP = 400.0000 IN. Z\$ 500.000  X = 300.000		
REPERENCE DATA  REPERENCE DATA  REPG.0000 94.FT. XMRP = 1258.5000 IN. %\$ 4.529 PTOT  REPG.3000 INCHES YMRP =500 BETA  REPG.3000 INCHES ZMRP = 400.0000 IN. Z\$ 500.000  X = 300.000		н н н
REFERENCE DATA  1890.0000 90.FT. XHRP = .0000 IN. 75  1890.3000 INCHES YHRP = .0000 IN. 75  1890.3000 INCHES ZHRP = .400.0000 IN. 25  .0100	: DATA	PTOTL BETA DBETA
REFERENCE DATA  1890.0000 90.FT. XHRP = .0000 IN. 75  1890.3000 INCHES YHRP = .0000 IN. 75  1890.3000 INCHES ZHRP = .400.0000 IN. 25  .0100	PARAMETRIC	4.529 500 -4.900 300.000
REFERENCE DATA  1890.0000 90.FT. XHRP = .0000 IN. 75  1890.3000 INCHES YHRP = .0000 IN. 75  1890.3000 INCHES ZHRP = .400.0000 IN. 25  .0100		* " " "
REPERENCE DATA 1890.0000 50.FT. XMRP = 18 1890.3000 INCHES YMRP = 1890.3000 INCHES ZMRP = 4	•	ALPHA X X
353X	: DATA	T. KINGP H

#### AUN NO. 3967 0 RN/L = 5.67

X 299,93000 300,03000 300,13000
0LTBTA -4.01000 -3.99930 -4.00320
DLTALF -4.85970 -4.84120 -4.85630
CBL 00001 00001 00000
₩
01047 01256 02529
CLM 05261 00124 00449
CA .02521 .92612 .02310
CN 03024 03343 02850
2 100.010 199.540 399.830
400.550 400.550 400.660

#### (ATU131) ( 03 OCT 74 ) AEDC/VAS29 (IA87) -OLETISI-R/H SRB SEPAR. HOM O/ET

PARANETRIC DATA	HACH = 4.520 PTOTL = 90.200 ALPHA =500 BETA = 10.900 DALPHA = .200 DBETA = -8.000 X = .000
REFERENCE DATA	BACT = 2000,0000 30.FT. XMRP = 1230.5000 IN. X3 LACT = 1290.3000 INCHES YMRP = .0000 IN. Y3 BACT = 1200.3000 INCHES ZMRP = 400.0000 IN. Z3 SCALE = .0100

		<b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00 <b>1</b> 00	392/ O RN	RN. = 5.00						
7 200.000 200.210 190.230 200.030	7 -100.090 -193 000.092 010.350	CN 01286 01734 01667 01687	CA .02459 .02463 .02412 .02414 .02360	CLM .00425 .00425 .00163 .00028	CY .04610 .01963 .00643 .00577	CYN 07162 .07692 .07615 07162		CLTALF .14807 .16615 .11237 .15342	DLTBTA -8.00710 -7.99370 -7.96600 -8.01200	. 12694 - 18945 - 18945 - 18953 - 18853
401.235 396.455 396.655 396.555 615.655	021.009 076.003 508.0 106.003	CN CN	3917 0 RN/L CA .02513 .02956 .02957 .02397	7. = 5.87 CLH 00085 .00568 .00345 .00352	CY .03509 .03247 .02084 .01016	CYN 01699 01761 07819 09879	CBL00003000010000100001000010000100001	DLTALF .04878 .17596 .19623 .13997	0.1814 -8.(1660 -7.5'220 -7.9220 -8.0m40	x .no472 14016 03642 .17978

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( 93 OCT 74 )
(ATU132)
SEPAK.FROM OVET
AEDC/VASEB (1ABT) -OLETISI-R/H SRB SEPAK.FROM O/ET
AFCC

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PAGE 365

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**										
**							•		1010	- 120 PM
	2690.0000 Sq.FT.	XXXX ==	1258.5000 IN.				H) H		4.320 PIOIL	. 11
**	1290.3000 INCHES		.NT 0000.	N. 45			Array Array			H
84EF = 124 SCALE =	1290,3000 INCHES		450,5555 IN.				×		390,000	
		RUN NO. 3	3937 B RN/L	L= 5.88						
,	•	ð	5	T C	5	Š	ð	CLTALF	CL TB TA	
- 3	•	0100	1187	.00252	.03713	29600	00000	16022.	-7.96419	
		01527	1236	0000	.91748	.01278	10000	.15923	-8.05690	350,45500
030.363	8	90010	.02483	. 900Z	.00609	06110.	.00001	.15415	-9.01530	300.15000
	9	19710	67237	90195	CEUCO.	52,00	10000	.14619	-7,99950	
201.350	\$	91672	.02374	950502	00106	-,00018	00000	.13624	-6.03849	399.17999
		RCN NO. S	3947 D RN/L	1 = 5.88						
!	•	3	ć	<b>3</b>	ځ	٤	é	CLTALF	Q.TBTA	×
-	~ {	5	19791	13000	10.44.86	01166	00002	.14477	-6.91120	299.93000
457.590	7	64.00	13687	65 100°	03358	01359	50001	.17566	-7.96739	299.96000
299.360	•	6.000	0.000	00100	10960	01210	Orono.	.14292	-8,00350	390,99999
490.649		78020-	0820	60,300	(F. 8 1)	(2)471	Udda	19715	-6.06920	370,02000
477.750	٤	12611	29020	0.000		2000	00000	11774	-8.132865	300.03000
470.490	600.189	51166			16617.	0000		! !		
			AEDC/VA\$2	AEDC/VASZBIIABT) -OIETISI-RM SKB SEFAR, FROM OVET	ET151-R/H 9	RB SEPAR.FR	OH OVET		(ATU133)	( 03 OCT 74
	REFERENCE CATA	174						A.	FARANETRIC DATA	47
							3	11	4.520 FT	FTOT : 90.200
	-		.NI 0008 9831	N. 73			AF A	• ••		н
			0000				CALP	,,		D8ETA = -8,999
20 - 15 20 - 15	1240.3000 INCRES	·	000000000000000000000000000000000000000				i ×	*	300.000	
		RUN NO. 3	3967 D RNAL	L = 5.87						
٠	•	ē	5	#10 10	5	ξ	e e	DLTALF	Q.TBTA	
	7	. 12663	102347	70800	\$1600.	<b>+2210</b> *	100000	5.16100	-6.90300	
		19810	79.60	97849	57400	.01345	-,00000	5.12790	-8.02769	390,03900
200.00	- 5	10710	.92479	30500	11200	02600	-,00000	5.09400	-7,90020	
141.34	: <b>!</b>	0.000	02431	.90575	70100.	.00400	99999	5.15/39/	-8.50749	
	-									

ORIGINAL PAGE IN CF POOR QUALITY

### (ATU153) ( 53 OCT 74 ) AEDC/VASEB (1A87) -OIETISI-R/H SRB SEPAR.FRON OVET

2640.000	0 SB.FT.	¥	# 1250.5000 IN. XS	IN. XS			4	"		PTOTL =	90.20
8 1290.300	D INCHES		2000°.	SY .N1 0000.			7	" ¥	500	BETA =	5
BAEF = 1290.3000 INCHES SCALE = .0100	D INCHES		8 400.0000 IN. 25	1 IN. 25			DALFHA	90 14		CBETA =	-6.000
		PUN NO.	395/ G R	RWL = 5.87							
	~	3	3	ð	S	Š	ŧ	0.14.5	5	×	
	39.315	09020	.02712	2814CG*	.02353	01212	20000	5.09280	-7.95410	2	6000
430.530	-1.209	01306	. 92745	10000	.01361	00927	99900	5.19690	-7.948	20 300.11000	0001
	\$2.675	.01600	.02441	.90557	.00654	01900*-	10000	5.15270	-7.99647	ממיטים. הסיב ניו	0000
	20,490	.01466	02353	.00541	.90349	00562	100001-	5.10319	-6,03269		0000
	3.649	<b>P2115</b>	68220*	01975	50227	-,00649	00001	5.14320	-8.00020		3000

5 5	MOTEREDCE DATA MOTEREDCE DATA MOT 1 2 120,3000 16,625	AT KOMEP	11 14	.TA DHEP = 1258.5070 IN. XS YHEP E .0000 IN. YS	MACH AH PA		4.529 PTOTI	CATA PTOIL BETA	
2		Ž	**	400.0000 IN. ZS	CALPHA =	5.5	S	SETA AT 390	11
KAL E	50.00								

99,290 19,900 -6,000

		,								
		ġ	397/ G RN	RN7. = 5.87						
•	~	3	2	¥.	ځ	Ē	Ē	7 4	2	,
201.590	-101.730	55050	.02433	0010	01482	100				
200.823	¥.	.91473	06450	2000	96,0	3000	- 0000	3.66130	13460	1939
P28.765	98.930	90110.	.02464	00900	27800	9770	00000	3.13/60	00000	
200.765	139.740	07600.	.02433	0.490	55800	3000	0.00000	3.17695	01 00 00 00 00 00 00 00 00 00 00 00 00 0	2966
199.360	399.180	16900	.02344	.97644	.00074	00412	00000	5.16290	-7.9.795	04668
		<b>3 5 9</b>	3967 D RNAL	79.67						
•	~	3	3	3	٤	Ē	ē	2	P	,
400.00	-100.150	.91323	.02848	90600	.91851	19610	100	ין יארי פייני		*
441.745	.763	09016.	.02462	1920	71010	0.00		20151	0.000.0	64176
479.630	100.290	.51754	.92374	.75481	51.500	- 0066	10000	2000	120 M	.07545
386.920	199.520	0481L	.02377	.07633	52500	- 00726		1.13921	7 00000	00000
300.765	396.960	.01194	67225	6897.	421	- 7626	100001	3.100m	190 200 00	29/11

# AEDC/VASZB (1AB7) -OLETISI-R/H SRB SEPAR.FROH O/ET

(ATU135) ( 93 OCT 74 )

	METERENCE SATA	'ATA						Ž	PARAMETRIC DATA	•	
LMET : R690.0000 1 LMET : 1290.3000 1 RMET : 1290.3000 1 SCALE : .0190	.0000 54.FT. .3000 14CHES .3000 14CHES		1256.5000 IN. KS .0000 IN. YS 400.0000 IN. ZS	IN. 15 IN. 75 IN. 75			¥ 7 6 ×	MACH E ALPHA = CALPHA = -	4.520 P500 B -4.900 C	PTOTL = BETA = CBETA =	90.209 10.909 -8.009
		RGN NÖ.	400/ 0 186	THY : 5.88							
•	•	ð	5	<b>*</b>	5	Ē	ਵੱ	OL TALF			
200		08.630	.02484	97000	.0300	90106	10000	-4.84820	-8.00659		-,00675
3		76097	00520	17100	0020	62100	MODOO.	-4.86250			11435
200.545	399.700	05297	1820.	90165	99000	00164	20000	-4,84579			32445
		RUN NO. 3	3 29 / D RAV	RN/L = 5.87							
	^	3	3	ž	č	Ē	ಕ	Q.TALF		×	
400.870	20.00	94548	.02069	60900	.02422	01512	00000	-4.86Den	-7,96020		.07690
450.620	189.000	04630	.0203	.00477	.01609	91267	10000	14.84890			S420
2	400.180	03431	.02363	00156	00000	00567	100001	-4.86220			G8957

# AEDC/VASEB (1487) -- OIETIS1-R/M SRB SEPAR.FROM OVET (ATU136) REDCREEME DATA FAMETHIC DATA

FTOTL = BETA = CBETA = 4.520 -,500 -4.900 300,000 MACH = ALPHA = CALPHA = X = 1256.5000 in. xs = .(000) in. vs = 400.0000 in. Zs LAED : 1290,3000 INCHES BAD : 1290,3000 INCHES RCALE : .01901 \* 2690.0000 SQ.FT.

90.200 10.900 -4.000

( 03 00 74 )

#### RUN NO. 401/ 0 RN/1, = 5.88

-0.057 50 300.40000 -0.057 50 300.24000 -0.059 50 00.85000 Q. TB.TA 0.14.F -4.86740 -4.85740 CBL .90003 .00003 .00002 92100. 12800. .01340 . 10. FA : 5.88 -.00523 Ĭ .0236 .0236 .02363 RUN NO. 492/ 0 -.96177 -.05976 3 2 100.440 198.810 690.870 701.370 701.310 701.330

299.74900 390.26000 -8.01060 300.01000 -7.99645 DLTALF -4.83850 -4.78950 -4.95270 .00001 .00002 .00002 C3N -.01963 -.01047 CY .02203 .01610 971148 CL\* .90**761** .90**563** -.00146 CA . D**2 53**50 57.020 05.420 -. D4474 -.75292 -.03697 3 3\*\*.\*\*\* \*01.010 400.560

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C. Campanyor Sp. Sp. Co.

# AEDC/VASZB (IAAF) -OIETISI-L/M SAB SEPAR, FROM OVET (ATUIST) ( 03 OCT 74 )

1 37478 10621 1 1580 10631 1 1580 10632 1 1580	2665.0000 36.FT. 1290.3000 INCHES 1290.3000 INCHES		1258.5000 IN. .0000 IN. 400.0000 IN.	.9000 IN. 75 .0000 IN. 75 .0000 IN. 25			MACH ALPHA GALPHA X		4.529 599 .209 .000	PTOTL BETA CBETA	<b>8</b> = -	90.200 10.900 100.000
		RUN NO. 4547 5		RHVL = 5.06								
•	~	3	5	U.	5	ž	ŧ	OL TALF	Q.TBTA	7.	×	
-300.220	-	99277	16550.	\$2200	06659	91495	10000-	.16416	94336	8	96260	
-396.020	504	00438	.02189	01100.	- 7.6245	01592	100001-	17201	904 78	7.0	.19341	
-300.140	99.653	93247	.02216	-,00034	06155	01506	100001-	.15527	977CF.	79	.18951	
0.00	199.100	90212	61220	00008	06202	01520	10000*-	.17682	.01014	7.	.21398	
-399.180	495.190	90225	081201	95246	-,96394	01426	100000-	.13743	.00091	16	.24098	
		RUM NO. 4	405/ G RM	AM. = 5.06								
>	~	3	3	3	ځ	£	f	SL TALF	D, TB TA	<b>*</b>	×	
085.951-	-100.230	05483	.0234n	<b>2</b>	05962	02456	90908	.13435	00953	53	.15451.	
-196.450	117	95773	0.02670	96777	-,05579	02379	-,0000	.15983	01329	£	.00078	
-197.973	2.27	00744	.02782	69(33)	-,95605	02222	0000	13399	-,04681	81	.22320	
-197.630	200,400	95141	.02335	-,99258	05397	02261	<b>3</b> .000.	.15125	(287)	٤	37706	
-196.375	396.430	62500	.02248	-,93360	-, C67C4	51611	+,00001	.14657	01009	60	.32033	
		ACN NO.	406/ 0 18%	186.7 ≈ 5.85								
>	~	3	3	g	ځ	£	ø	CLTALF	CL TB TA	<b>*</b>	×	
-96.566	-130.150	61096	.02547	COVR6	04692	02304	0003	.12532	01649	Ç	.09166	
-41.293	200.	00603	.02356	00162	93397	01959	100001-	.11058		7	.94159	
-90.614	2.20	00483	.02616	(77)52	03933	01791	100001-	12536	6E Je. A	39	<b>2</b> 4690.	
-96.49	1.00.07	95142	.02874	95185	94834	02234	98882	.12598	7:251	51	.06712	
-10.652	490.630	91919	322237	-, 70455	07142	41648	69901	.11465	9/ :: 1/6	<b>9</b>	.95724	
		ALM NO. 4	407/ 0 ANA	ハニ 5.65								
>	~	3	3	טרא	5	ž	ਵੱ	CLTALF	CL TS TA	4	×	
-30.757	-199.219	01040	.42153	102001-	04252	01649	90001	.13816	7.1551.7	17	.23955	
-39.334	Pn3	90641	17710.	-,00290	91694	01130	00001	12521.	112011	17	.23413	
-39.17	\$62.64	2500°.	.61911	97676	2116	61213	-,00832	.14247	. 110 <b>96</b>	*	15125.	
-34.329	130.000	.07456	\$2520.	90100*-	03594	51837	00002	.12672	- 35546		G11%	
44.	900	400	40000						* * * * *			

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IAST TABULATED SOURCE DATA

( 03 001 74 )

•		90,200 = 10,900 A = ,000
3		1 × 1 × 1 × 1 × 1 × 1
(A10136)	DATA	PTOTL BETA DBETA
( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	PARAMETRIC DATA	* 4.529 PTOTL *500 BETA * 200.000
-		MACH H ALPHA H DALPHA H
AEGC/VASEB(IAB7)-OIETISI-L/M SAG GETAR.FROM GYET	REFERENCE DATA	BREF = 2660.0000 SQ.FT. XMRP = 1250.5000 IN. XS LREF = 1290.3000 INCHES YMRP = .0000 IN. YS BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZS BCALE = .0100

		EN NO.	411/ 0 R	RN/L = 5.87					
>	2	3	ర	ð	5	Š	ළ්	OLTALF	OL TB TA
-396.900	-100.330	00199	.02164	90100	06032	02076	00002	.15221	00453
-396.550	137	00471	.02390	16000	6609G'-	02021	-,00002	.13804	01713
-397.630	100.200	09454	.02417	710001-	06066	-,01906	000012	.12738	03848
-397.370	200.079	-,99141	.02184	00172	-,05968	01784	00002	.12419	04897
-398.680	400.380	90261	.02212	0028\$	-,56365	01579	100~0**	.12223	04927
		AUN NO.	410/0 R	RN/L = 5.86					
>	~	3	5	ž	Շ	Š	ಕ	<b>DLTALF</b>	CLTBTA
-271.050	-100.010	00785	.02071	00216	03682	01766	10000	.14974	51 080.
-199.090	794	00218	.02036	00302	03190	01393	10000-	17161.	. 533 73
-198.670	99.795	. 55075	.92224	00129	03563	91149	00001	.13970	-,00505
-199.420	200,080	.00067	.02525	.00053	04019	01541	00002	.13512	.T21 44
-199.670	400.050	00476	.02682	-,00650	06725	02070	-, 00002	.12886	.02839

390,10000 390,07900 300,18000 399,29000 390,16000

300,10000 300,22000 300,23000 300,18000

		20 NO.	409/ 0	RN/L = 5.86	<b>10</b>					
<b>&gt;</b>	~	8			5	ž	ಕ	<b>DLTALF</b>	OLTBIA	×
-97.110	-151.140	01299	.01383	300456	02650	01126	-,00001	.19041	04463	300.40000
-98.946	-1.325	00203			01703	-,00900	10000-	16799	06863	305,03000
-98.227	96.655	.00594			02044	00765	100001-	.17826	036.09	300.23000
-99.605	196.120	.00838		_	172918	00010	10000	.22100	.01314	300,20000
-98.255	399.690	00523			06650	01944	00002	.14663	02995	300,12000
		RUN NO.	4 0 9 / 9	RN/L = 5.86	<b>1</b> 0			ų		
<b>&gt;</b>	2	Š			Շ	Š	度	DLTALF	CLTBTA	×
-30.566	-199.079	01414			92794	01124	-,99991	.13824	90762	399,12999
-36.578	1.502	00368		_	00897	09580	00001	.97397	97588	300.52000
-30.579	191.269	.00693	.01433	100233	01683	00742	00001	.07195	.01217	390.16990
-39.233	199.961	.91153			03127	-,00622	-, 90991	.13226	.00431	399.34990
-37.740	396.130	99629		_	06597	01694	00001	.29274	03996	300.22000

POOR QUALTE

AEDC/VAS28 (IA87) -QIETIS1-L/H SRB SEPAR.FROM O/ET  PARAMETRIC DATA  XMRP = 1258.5000 IN. XS  YMRP = .0000 IN. YS  ZMRP = 400.0000 IN. ZS  X = 370.000  X = 370.000
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>	~	3	đ	CL.M	Շ	ž	<b>ච</b>	CLTALF	CLTBTA	X X 22000
-398.189	-100.570	.02366	.02369	.00805	06448	01842	00002	5.17149	02963	390,62000
-399.330	759	.92472	.02449	69900	-,06386	01926	00003	5.16850	.01564	00021 00E
-378.980	99.616	.02584	.92378	.09527	-,06368	01844	000012	5.15730	20,600	300.17000
-399.579	199 080	.02674	.02249	.00446	06553	01748	000012	5.17050	55 550.	300 43000
-396.700	399.790	.9569	.02259	.00300	06798	01534	-,00062	5.14100		550-1 (050
		RUN NO. 4	4137 0 RN/L	ר = 5.86						
,	•	3	5	Ĭ.	Շ	ž	ඡ	CLTALF	CLTBTA	×
700	190	EC010	.92291	.00249	fi3696	01529	00002	5.14210	00091	300.32000
198 910	333	71220.	.52281	.00262	93747	01033	<b>-</b> .00002	5.14340	.00401	300.13000
00.001	FC7 80	72672	.02344	.00505	93717	01130	00002	5.20240	.01235	300,25000
-199-100	55.00	17288A	. 42682	.00528	05489	01405	00002	5.14550	.19276	300.19000
198.920	399.720	.02085	.02679	. 55136	07354	02034	000012	5,14969	00975	299,98000
		AUN NO.	4147 D RN/L	Λ = 5.85						
,		3	5	S. E.	Շ	Š	ಕ	<b>CLTALF</b>	OL TBTA	×
	-99.20A	.51118	.51529	00047	02209	91111	95501	5.10960	.06469	355.18955
790.997	1.833	.02137	.91576	00013	01885	-,00776	-,00001	5.04220	.72863	300.02000
869.:6-	100.855	.02750	.01639	.00393	02615	00569	-,550001	5.15200	97192	299.975
-99.975	199.790	.03138	.01983	.00550	04322	-,00689	-,00001	5.13970	26800.	300.22000
-95.194	450.045	.51627	.52984	76150	07554	01933	00002	5.14150	52112	250.04950
		AUN NO.	415/ B RN/L	راء 5.86						
>	^	3	5	ð	Շ	Š	ම්	CLTALF	DL 78TA	×
770 074	-99.283	69713	.01360	00209	01595	00949	00001	5.09480	-,55535	299.94000
181 01	- 284	91519.	.91426	.00161	01013	00698	00001	5.13220	. 938 59	300,16999
101.60	787. 00	92320	.91682	.00384	92913	09489	90591	5.18590	.00829	300.22000
100.00	196.410	.93377	.01686	.00483	04009	00582	90091	5.17729	.06991	395.39500
.39.343						6	0000		0.000	000000

( 03 OCT 74 (ATU140) AEDC/VA328 (IA87) -OLETISI-L/H SRB SEPAR.FROM O/ET

90.200 10.900 .20753 .19579 .02592 .02592 .11264 .11551 .31480 .05795 × -.04912 -.16791 .91261 .19983 x .25161 .08314 -, 59557 PTOTL BETA CBETA PARAMETRIC DATA DLTBTA -.02915 .01625 .01815 -.01452 -.00043 -.02154 -.08768 -.03212 -.00643 .07418 .07575 .00407 -.01127 -.05966 -.07721 CLTBTA -.00326 -.01799 OL TBTA CLTBTA -.02367 4.520 -.500 5.200 5.10970 5.11820 5.12330 5.12600 5.14070 5.15250 5.15250 5.15550 5.17100 5.16890 5.16890 DLTALF 5.11329 5.07579 5.12235 5.20990 5.10360 5.14360 5.12870 5.12830 5.12830 5.12850 MACH ALPHA DALPHA:x CBL -.00003 -.00002 -.00002 -.00003 CBL
-.00002
-.00002
-.00002
-.00002 CBL -.00002 -,00002 -,00002 -,00002 -,00002 CBL -.00003 -.00003 -,00002 -,90002 -. 90003 20000 CYN -.02254 -.01679 -.01671 -.01586 -.01571 -.01599 -.01529 CYN
-.02213
-.02203
-.02303
-.01909 -.02106 -.01726 -.00862 -.01591 -.01758 -.01036 -.01133 ٤ -.05668 -.05823 -.06969 -.07150 CY -.04026 -.04003 -.04487 -.71686 -.03144 -.05601 -.07655 -.06364 -.05397 -.06427 -.06864 -.06171 CY -.06947 -.02341 CY -.06374 RN/L = 5.86 RN/L = 5.86 RN/L = 5.86 = 5.86 CLM .00595 CUM .00222 .00213 .00595 .00557 CLM .00662 .00608 CLM .00894 .00314 .00539 .00562 .00455 .99397 .90292 57760. .05467 .00534 6.5000 IN. XS .0000 IN. YS 0.0000 IN. ZS = 1258.5000 IN. X = 00000 IN. Y = 400.0000 IN. 7 Ę CA .02658 .02625 .02717 .02948 .02287 .02361 .0218**6** .02761 .02309 .02240 .02306 .02325 .02781 .91841 CA .92232 .02636 .02177 c c 417/ 0 RUN NO. 4197 0 416/ RUN NO. 418/ .02721 .02669 .02447 .01701 .02595 .99856 .91649 .92524 .92669 .91745 CN .01726 56710. .02632 .02829 .92695 .02822 .01890 .02533 FUN NO. SUN NO. XMRP YMRP ZMRP REFERENCE DATA LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100 2690.0000 SQ.FT. 199.979 199.359 2 -99.915 199.639 399.549 99.682 197.830 400.349 z -100.300 -.296 99.421 . 627 199.969 -.643 -.036 -199.659 99.154 -100.100 -398.970 -398.570 -397.500 -198.890 -200.200 -200.720 -157.720 -39.724 -39.469 -38.133 -98.970 -98.732 -98.944 -398.915 -396.160 -198.370 -96.531 -38.421 -30.953

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tr 15E

#### AEDC/VA528 (1A87) -OLETISI-L/H SRB SEPAR.FROM O/ET

IAST TABULATED SOURCE DATA

(ATU141) ( 03 OCT 74 )

666 90.200 19,900 -,06739 .25482 .22023 .05434 -.01732 .18583 -.05696 .35417 - 03962 .12486 .58411 PTOTL = BETA = CBETA = PARAMETRIC DATA OLTBTA -.01515 CLTBTA -..095109 .02526 OLTB1A .02087 -.02106 .00398 -.05549 53219 -.00729 -.02218 -. 9338 -.73601 4.520 -.500 -4.900 -4.83410 -4.83340 CLTALF -4.87919 DLTALF -4.88390 CLTALF -4.85860 -4.83990 -4.86169 -4.94960 -4.88080 -4.90070 -4.87799 -4.86540 MACH = ALPHA = DALPHA = X CBL -.00002 CBL -.00001 -.00001 CBL -.00001 -,00001 -.00001 -.00001 -.0000 -.00001-,00002 -,00001 -.00001 -.01559 -.02206 -.02301 CYN -.02357 CYN -.01954 CYN -.01098 -.01859 -.02086 -.01456 -.02056 -.51847 -.06394 CY -.05641 -.04456 -.06671 CY --.(12023 -.05861 -.56102 -.03293 -. 02857 -.06305 RN7L = 5.86 RUN NO. 4217 0 RN/L = 5.86 KN/L = 5.86 PUN NO. 422/ D KN/L = 5.86 CLM -.0:0656 -.05623 -.04475 -.51158 -. 50774 -,00900 -. 91344 -.00616 -.90533 -.00743 -.01547 Ĵ XX .NI 0500.5000 IN. XS YMRP = .0500 IN. YS ZMRP = 450.0000 IN. ZS .02608 692201 .02276 .02369 CA .01848 .02231 .02189 .02601 .02196 .02131 .02324 .02243 RUN NO. 420/ 0 RUN NO. 4237 S -.02270 -.02800 -. 52729 -.03428 -.03256 -.03106 -.03516 -.03398 -.02846 -.02958 -.03149 3 3 REFERENCE DATA SAEF = 2690.0000 96.FT. LAEF = 1290.3300 INCHES BAEF = 1290.3000 INCHES 2 99.418 199.400 399.930 2 100.001 199.600 2 99.863 199.810 2 99.028 400.910 199.840 400.900 399.749 -98.468 -99.991 -396.749 -399.540 -197.329 -399.195 -198.540 -198.660 -39.250 -39.100 -96.538 -37.788 SCALE =

(ATU142) ( 03 OCT 74 ) AEDC/VAS28 (TA87) -OIETIS1-L/H SRB SEPAR.FROM OVET

PARAMETRIC DATA	XS HACH = 4.520 PTOTL = 90.200 YS ALPHA =500 BETA = 10.900 ZS DALPHA = -4.900 DBETA = .000 X = 300.900	CLM CY CYN CBL DLTALF DLTBTA X00700063430195600001 -4.8579000749 300.0400000604063710169800001 -4.8393006992 300.1300000808063480159100001 -4.8841003124 300.17000	CLM CY CYN CBL DLTALF DLTBTA X00744030780136000001 -4.8682006923 300.2100000736038730153500001 -4.86930 .02461 300.16°0001362058480231600002 -4.87300 .01373 300.31000 = 5.86	CLM CY CYN CBL DLTALF DLTBTA X00584015860093000000 -4.86560 .030.89 300.2900000548024990093900001 -4.83690 .00867 300.0900001367053060224000002 -4.8495003314 299.85000	CLM CY CYN CBL CLTALF BLTBTA X00640015980063900109006163 370.100000555602166006320000166680 -006153 300.150000116705366014640000182440 00652 300.00000
	1258.5000 IN. 3 .0000 IN. 3 400.0000 IN. 3	CA CI .D236D .D2299 .D2273	CA CL .020050 .023630 .026860 4257 0 RN/L =	CA CL .01342 .01681 .02719	CA .01278 - .01394 -
174	XMRP = 1256. YMRP = 400. RUN NO. 427/ 0	CN 03283 03427 03162	CN 02377 02115 02989	CN 01936 01063 02089	CN 01361 06481 01929
REFERENCE DATA	.0000 89.FT3000 INCHES .3000 INCHES	2 99.912 199.540 400.310	2 100.169 200.010 400.350	2 100.340 198.870 399.540	2 100.720 199.880 400.100
-	SREF = 2690.0000 LREF = 1290.3000 BREF = 1290.3000 SCALE = .0100	7 -396.700 -397.320 -398.350	7 -197,110 -198,750 -198,390	707.99.707 -99.592 -96.229	7 -37.304 -39.476 -39.042

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(ATUSA3) ( 93 OCT 74 )

## AEDC/VAS28 (IA87) -OIETIS1-L/H SRB SEPAR.FROM O/ET

	902.06	19.900
	**	,,
DATA	PTOTL	BETA
PARAMETRIC DATA	MACH = 4.529 PTOTL = 99.200	500
•	**	t
	¥	AMOUN
		2690.0000 SG.FT. XMRP = 1256.0000 No. As
<	1	XXX
REFERENCE DATA		2690.0000 Sq.FT.

4,000	x .01704 .02628 01014 .03440	x 19127 03481 .02361 .25810	x 11742 100240 26790
11 11	× 0.9.0.0.2	×	× 4 4 4 5 5
PTOTL BETA CBETA	0LTBTA 3.99750 3.98510 4.01100 4.04890	DLTBTA 3.9950D 3.98240 3.95840 3.94550 4.00570	DLTBTA 3.97920 3.99020 4.00760 3.98500 4.04070
4.520 500 .200 .000			
n n n n	DLTAUF 5020 .19030 .17161 .16662	0LTALF .13532 .17595 .11306 .13986	GLTALF .11230 .10721 .11255 .12147
MACH ALPHA CALPHA X	CBL -,00002 -,00002 -,00002 -,00002 -,00002	CBL -, 00003 -, 00003 -, 00003 -, 00003 -, 00003	CBL -,00003 -,00002 -,00003 -,00003
	CYN 02119 02129 02155 02067	CYN 03151 03132 02969 02969	CYN -, N2737 -, N2418 -, N2602 -, N2035
	CY 09454 09145 08915 09082 09082	CY 08119 06980 07195 07660	CY 08118 04771 06369 10898
IN. XS IN. YS IN. ZS	CLM CLM .00192 .00217 00235	RN/L = 5.96 CLM .00297 .0032 .00032 .00032 .00033 .00033	CLM .00146 00154 00167 00440
1258.5000 IN. .0000 IN. 400.0000 IN.	CA .02319 .02303 .02302 .02302 .02302 .02302 .02302 .02302 .02302	CA . 02450 . 02450 . 02453 . 02453 . 02453 . 02453 . 02456 . 02456 . 02456 . 02456 . 02456	2573 2717 2417
XMRP = YMRP = ZMRP =	CN CN CN CN 00598 00708 00249 05021 05021 05025	CN CN0141001827002920031100750	
2690.0000 34.FT. 1290.3000 INCMES 1290.3000 INCHES .0100	2 -100.130 564 99.535 199.340 400.140	2 -105,200 -354 -903 200,630 399,610	7 -100.090 -452 -99.933 199.880 401.380
4 4 4 H	7 -396.380 -396.710 -399.220 -399.420	7 -196.860 -197.400 -197.660 -197.660	796.953 -96.959 -96.569 -96.501 -96.501
SAEF LREF BREF SCALE			

1.

PAGE 375

OCT 74 3

90.200 10.900 4.900

<b>a</b> .	80		
	(ATU144) ( 03	DATA	PTOTL BETA CBETA
	(ATU14	PARAMETRIC DATA	4.520 500 .200 300.000
			* * * * *
			MACH ALPHA H DALPMA H
TABLEATED SOURCE DATA	AEDC/VAS28 (1A87) -Q1ET1S1-L/H SRB SEPAR,FROM O/ET		XMRP = 1250.5000 IN. XS YMRP = .0000 IN. YB ZMRP = 400.0000 IN. ZS
		2	
		REFERENCE DATA	80.FT. INCHES INCHES
CATE 20 MAY 75		REFEI	SAEF x 2690,0000 80.FT. LREF x 1290,3000 INCHES BAEF x 1290,3000 INCHES SCALE x .0100
20.			* * * *
CATE			PACE SCALE

<b>&gt;</b>	2	3	3	¥,	Շ	S.	ಕ	DLTALF	ÜLTBTA	×
396.640	-100.180	99:46	.02233	.00026	08300	02926	-,00003	.15583	3.98910	
398.350	118	00339	.02448	11000	08236	02799	00003	.14487	3.96550	
396.330	199,289	00237	. 92521	00134	08385	02557	200001-	.11896	3.94900	300.02000
398.210	199.655	5,000.	.02386	99164	08800	02249	-,00002	14904	3.93460	
-396.250	400.690	00262	.02414	00303	09676	01957	00001	.11793	3.94139	
		RUN NO. 4:	132/ 0 43	RN/L = 5.86						
<b>&gt;</b>	~	ટ	5	3	Շ	Š	ĕ	DLTALF	CLTBIA	
DOS. 202	-99.426	51632	.02091		05368	02232	00002	.13342	4.50110	
270.270	068	-,99618	11964	00246	04279	0189R	-,00001	.11672	4.04530	
199.977	99.855	.00492	17150.	00231	04759	01637	-,00002	.14584	4.05699	300,05000
200.460	200,020	.01228	.02544	-,00195	05881	01930	00002	.13873	4.03720	
-199.800	399.750	00251	.02949	00643	-110062	-,02436	-,00002	.13354	4.02190	
		RUN NO. 4:	4317 0 RP	RN/L = 5.86						
<b>&gt;</b>	~		5	ð	Շ	Š	ಕ	CLTALF	೧∟ TB TA	×
199.139	-199.509	92375	.91341	90501	54497	01578	00001	.15556	4.51369	300.09000
-99.263	119		.01459	90497	52855	01137	00001	.13578	3.99490	300,08000
-99.430	96.034		.01529	-,00194	53235	01115	00001	.19219	3.99370	300.09000
199.129	196.269		.01806	00078	04842	01097	99961	.18777	4.93485	300.43000
-98.894	399.749		98080	00559	104723	02335	00002	.14727	3.97179	299.79000

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OF POOR QUALITY

(ATU145) ( 93 OCT 74 )

73/0
R.FROM
AR SEFA
2 KJ-11
-OLET1
(1A87)
DC/VA52
₹

	REFERENCE DATA	4									
SAEF = 2690 LAEF = 1290 BAEF = 1290	2690.0000 54.FT. 1290.3000 INCHES 1290.3000 INCHES	A H II CARACA A CARACA A .5090 IN. .0900 IN. 400.0000 IN.	IN. XS IN. 7S IN. 2S			HACH ALPHA DALFH	,	4.520 PTOTL500 BETA 5.200 DBETA 5.000	11 H H	96.208 10.950 4.000	
		RUN NO. 4347 9		RN/L = 5.86							
•	^	3	3	ð	Շ	ક	ಕ	OLTALF	DLTB TA	×	
-396.630	-199.699	.02509	.02426	16900	08687	02599	-,00003	5.17790	4.00359	399.32999	
-396.900	578	.02876	.62661	. 17521	08939	02485	00003	5.17120	4.01389	300.2600	
-399.379	99.766	.03996	.02616	.00401	09186	02344	.00000	5.14719	4.02619	300.180.00	
-396.960	199.130	.03067	.02392	0.0378	09645	02155	00002	5.16419	4.09000	300.37000	
-398.600	399.630	356920	.02496	60,600	10353	01902	20000G	5.13760	3.98850	509.1800	
		RUN NO. 43	4357 0 RBV/L	ւ = 5.86							
•	•	3	5	<b>X</b>	Շ	Š	ਵੱ	CLTALF	DC TB TA	×	
- 500		017.0	.42142	.93284	04752	02171	-,00002	5.13929	4.02890	300.07000	
011.553-	376	02569	ועואכקיי	90100	04731	91579	- 0000	5,14959	4.01729	300,00000	
047 GO:	9.7.	1989	. 1234A	1621	05506	01454	-,00002	5.18200	3.98250	300.18900	
646.		03862	. 1727.	90446	-,07661	01684	-,00002	5.13890	3.98750	299.96000	
-199.559	399.730	. 1,2229	.52980	68000	15896	02428	00003	5.13980	3.99290	299,86500	
		ACN NO.	4367 G RN/L	. s.86							
•	•	ž	5	ž	č	Š	é	CLTALF	CLTBTA	×	
1000		.00486	.01452	50111	53418	01339	00001	5.04645	4.53869		
	282	08930	.51617	.03221	03063	01194	00025	5.06580	4.08695		
108.401		91750	.51714	10200	54424	93713	50001	5.13175	3.99820		
	0.8.00	63838	12727	7.487	56691	-,00944	00001	5.14930	4.03259		
	000 000	0.1857	03250	A. I.O.	- 11042	1010h -		5.14330	1.3235	297,97170	

REFERENCE DATA

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(ATU146) ( 03 OCT 74 )

PARAMETRIC DATA

## AEDC/VAS28 (1A87) -OLETISI-L/H 398 SEPAR.FROM OVET

MET :	2699.0000	0000 Sa.FT.	X PARTY	1258.5000 IN.	. x.			<b>X</b>	H X	4.520 P	PTOT	2.2
LACT ::	1290	1290.3000 INCHES 1290.3000 INCHES	7148P H	.0000 IN. YS	IN. YS IN. 2S			ALP OAL	ALPHA = Dalfha =	500 B	BETA DBETA	10.900
SCALE =	•	.0100			<b>.</b>			×	**			
			RUN NO.	439/ D RN	RN/L = 5.86	_						
•		~	3	3	3	გ	ξ	ě	DLTALF	CLTB TA	~	*
-396.940	.945	-190.219	.02574	.02466	.00739	09216	02149	-,00003	5.14870	4.09930		.14939
-397.880	<b>S</b>	583	13650	.02447	.00505	09113	02143	-,00003	5.11120	3.9823		.19127
-396.430	.430	96.956	.93118	.02475	.09412	99287	-,02075	-,00003	5.12219	3.9774		.14925
-396.750	.750	199.910	.03169	.92487	.00316	09756	01902	00002	5.13120	3.9674	-	OK974
-397.819	619.	400.350	72839	.02523	.00255	10373	01536	00002	5.12220	3.92170		.96242
			PUN NO.	4367 0 SOUL	/L = 5.86							
•		2	3	đ	5	Շ	Š	ฮี	CLTALF	Q. TB.T.	^ ~	
-196.730	.730	-100.100	.01930	12631	.00833	57448	63057	-,00004	5.14179	3.98360		.29433
-199.070	.979	845	.02833	.02847	.00654	97947	03003	-,00004	5.16469	4.02870		£2770.
-199.590	. 595	98.945	.93795	.02812	51800.	57861	02796	90004	5.15120	4.96240	•	15493
-196.420	.42J	199.400	.63107	.02615	.59220	99779	02454	99003	5.13540	5.984 <i>8</i> 0	_	.95479
-197.350	.359	390.129	.02464	.172516	<b>361</b> (6)	10796	-,51889	00002	5.19465	3 14875		.00455
			RUN NO. 4377 9	1377 G RN/L	'L = 5.86							
>		~	3	3	<b>E</b>	გ	Š	é	CLTALF	CLTBT	^	u u
-97.418	110	-99.715	.00677	.02591	.09039	05261	02835	00003	5.08470	3.92279	-	47123
-100	130	129	. n2020	.02355	. (Ebd14	04231	02431	99993	5.10220	4.0164		19336
-99.349	349	99.368	.93552	.02655	.0323	05933	02112	50003	5.10660	3.9448		.23249
-90.117	.117	194.690	11,76	.53116	GM29	08915	02387	90003	5.12289	3.97145		18557
\$	- 99 . 4 56	399.720	.01692	.02503	recon.	11498	- 02003	<b>₹</b> 000000 -	5.14595	3.9971		03700

KHE

REFERENCE DATA           REFERENCE DATA         REFERENCE DATA           REF         1259.3000 IN. YS           REF         1259.3000 IN. YS           REF         1259.000 IN. YS           REF         1259.000 IN. YS           REF         1259.000 IN. YS           REF         1259.000 IN. YS           REF         1259.000 IN. YS           RUN NO. 440/ D         RN/L = \$.06           -398.250         99.531        03961         .02579        09313        09499           -398.850         99.511        03555         .02467        09313        09499           -398.850         199.070        03179         .02579        09313        09492           -398.850         199.070        03179         .02567        09313        09492           P         2         CN         CA         CLM         CY           199.650        03155         .02664        07136        09171           -199.680         399.660        03176        03176        09171           P         Z         CN         CA         CLM         CY           P         Z         CN				AEDC/VAS2	8 (1467) -OI	ET181-L/H	AEDC/VA528(1A87)-O1ET1S1-L/H SEB SEPAR,FROM O/ET	TOM OVET		(ATUMAT) ( 93 OCT 74	00 80 0	72.
PO. DODO SA.FT. XMRP = 1250.5000 IN. XS PO. 3000 INCHES YMRP = .000.0000 IN. ZS .0100 RUN NO. 4407 © RUL = 5.06 199.07003561 .0257900313 199.07003179 .0239600313 2 CN CA CLM 199.07003179 .0239600313 199.05003179 .02260400706 199.05003155 .0260400706 199.05003155 .0260400706 2 CN CA CLM 99.05003155 .0260400706 2 CN CA CLM 99.05003155 .0260400706 199.05003155 .0260600706 199.05002711 .0226501312		REFERENCE	: DATA						PAR	PARAMETRIC DATA	<b>*</b>	
2 CN CA CLM 99.53103961 .025790031303961 .025790031303961 .02579003130396903179 .0239600586008060399.97003435 .02604007440074403435 .022630373703435 .022630373703737037370373603737037370373603737037360373703736037360373703736037360373703736037370373603747037360374703736037470373603747037360374703736037470373603747037360374703736037470373603747037360374703736037470374703747037487037470374870	H H H II		KKARP YARP					# 7 5 ×	MACH = ALPHA = CALPHA	4.529 PTOTL 509 BETA -4.909 DEETA	7 × + + + + + + + + + + + + + + + + + +	90.200 15.900 4.000
2 CN CA CLM 199.07003861 .0257900313 . 199.07003179 .0236600406 . 2 CN CA CLM 99.81203435 .0260400744 . 199.65003155 .0260400744 . 199.65003155 .0260600706 . 2 CN CA CLM 99.81203435 .0260400744 . 199.65003175 .0260801312 . 2 CN CA CLM 99.96403176 .0226501312 . 2 CN CA CLM 99.96403176 .0226600747 . 199.95902025 .0261707983 .			RN NO.									
199.07003179 .023600513 399.97003179 .0239600606 RUN NO. 4417 0 RN/L = 5.86 2 CN CA CLM 99.61203435 .0260400744 199.62003155 .0260600706 399.66002711 .0226501312 RUA NO. 4427 G RN/L = 5.86 2 CN CA CLM 99.96403176 .0236600747 199.95002025 .0261707963 -	7 -399.250	2.531		CA .92579	CLM ODSES	ح ح	CYN	<b>1</b>	OLTALF	DLTB TA	×	
2 CN CA CLM 99.01203435 .0260400744 199.65003435 .0260400744 199.65003155 .0260600706 399.66002711 .0226501312 2 CN CA CLM 99.96403176 .0236600747 199.95002025 .0261707993	-396.990	199.070		.02467	00515	09245	02030	20000	-4.81585	4.01249	06225	, n,
2 CN CA CLM 99.81203435 .0260400744 1 199.65003155 .0260600708 399.66002711 .0226501312 RU4 ND. 4427 0 RN7L = 5.86 2 CN CA CLM 99.96403176 .0236600747 199.95002025 .0261707983 401.24002657 .0221001487					;							
99.61203435 .0260400744 199.65003155 .0260600706 399.66002711 .0226501312 RU4 NO. 442/ G RN/L = 5.86 Z CN CA CLM 99.96403176 .0236600747 199.95002025 .0261700983 401.24002087 .0221001487	-	~	3	క	CLW	۲	Š	ĕ	CLTALF	CL.7BTA	×	
799.66002711 .0226501312  RU4 ND. 4427 G RN7L = 5.86  Z CN CA CLM 99.96403176 .0236600747 199.95002025 .0261700983 401.24002657 .0221001487	-199.179	99.012		.02604	00744	07138	03080	00003	-4.8789	3,98679	08453	<b>.</b>
RU4 NO. 442/ G RN/L = 5.86  Z CN CA CLM 99.96403176 .0236603747 199.95002025 .0261702983 401.24002657 .0221001487	-199.690	399.660		\$9220°	01312	0458	02875	-,00003 -,000012	-4.85849	3.92810 4.00170	15483	<b>.</b> n
Z CN CA CLM 99.96403176 .0236600747 199.95002025 .0261700993 401.24002657 .0221001487					"							
99.96403176 .0236600747 199.95002025 .0261700983 401.24002657 .0221001487	<b>&gt;</b>	2		5	¥,	ბ	Š	é	OLTALF.	CL TB TA	×	
199,950 -,02025 ,02617 -,00993 -,	-99.865	99.964		.02366	99747	!34999	02316	00002	-4.89440	4.91199	07915	
401,24002657 .0221001487	-99.328	199.950	•	71920.	00983	05725	52829	00003	-4.89469	3.99190	11293	_
	-101.020	401.249		.02210	51487	09232	02580	00005	-4.91939	4.15689	04713	_

	REFE	FERENCE DATA	ATA								PARAMETRIC DATA	CATA		
MEF = 2690,0000 50.FT.	000017494	<b>8</b> .5	dige(X	7	= 1258.5999 IN. XS	IN. XS			Ĭ	" ቼ	4.520		"	90.200
ראכו	1290.3000	THENES	Y MARIP		9000	.0000 IN. YS			Ŧ	#¥	500	BETA	61	10.920
Du	1290,3990	INCHES	200	.,	400.0000 IN. 25	In. 23			₹ O	CALPHA =	6.900	SBETA	**	4.033
אנערנ ב	0010	_							×	"	300,000			
			SE NO.	445,	445/ D FN	FN/L = 5.86								
•	~		3		5	ð	ځ	Š	ಕ	CLTALF		CL rB TA	×	
-394.780		\$1.976	03209		.02341	90616	98344	92632	00003	-4.856713	•		299.871700	5
-346.4	_	710.00	53491		.02344	00738	00388	02509	20000	-4.849 E			299.78000	c
- 28	•	90,845	03174		.72449	00864	99274	02103	-, 10062	-4.86980		3.92480 390.00000	(i) - 100)	e.
			ECN NO.		4447 G RN	RN/L = 5.86								
•	~		3		5	رة.	Ş	Š	ě	يا د د		5, 18 14	`~	
-196.189	_	3.465	₽1926		.71950	57697	-194974	51610	10001	•	-,	1.942 17 299.8 PT	447.8.66	-
•. •••	_	040.00	01756		.62329	'''. 762	95124	02759	20 0		_	.53759 395.11990	50.11.09	
F	•	179.557	12502		2724	01564	56759	52874	€00 47 •		7	579 12 1962 12 28917		

(ATU148) (93 OCT 74 )

AEDC/VAS28 (TAB7) -OIETISI-L/H SRB SEFAR.FROM OVET

		9	446/ G RN	RM. = 3.87					
-200.160 -398.850 -400.440 -400.880 -890.890	2 -105.110 665 99.511 115.650 401.004	.01117 01117 00000 .00461 00193	CA .02310 .02473 .02542 .02542	CLM .00303 .02213 00141 01365	CY 11710 11160 11961	CNN 03103 03127 02073 02128	GBL 00003 00003 00003 00003	0LTALF .16571 .19699 .19569 .14649	0.00250 0.00260 0.00260 0.05070 0.09750 7.99400
> 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 - 100 - 150 100 - 150 150 - 150	CN 02413 01313 01313 00403	CA CA .02609 .02561 .02561 .02570	CLN .00391 .00135001320013200474	CY 11295 06526 09666 14416	CYN 03769 03614 03671 03570	CBL -, 00003 -, 00003 -, 00004 -, 00004 -, 00004	0,74,F .11261 .07592 .07549 .05719	DLTBTA 7.99260 7.97600 8.00560 7.92360 8.01000

0.000

**د** 939 -.10503

-.20195 -. 19063

0221G.

x -.21579

.47641

.14329 -. 36562

CATE 20 MAY 75

AEDC/VASZB (IABY) -OIETISI-L/H SRB SEFAR.FROM O/ET

(ATU150) ( 03 CCT 74 )

C46E 300

						AEDC/VASEB (IAB7) -O1ET1S1-L/M SMB SEPAR, FROM O/ET			(ATU19	(ATU151) ( 03 OCT 74	g	KT 74 )	
		RETERENCE DATA	DATA						PARAMETRIC DATA	SATA			
	*	19.00 0000 000°FT	Ž.	ű.		98.FT. XX48P x 1256.9700 IN. XS	Š	н	± 4.520 F	5	"	90.20	
		1890, 3070 INCHES	S YNGP		M	7	F. F.	**	<b>5</b> 59	BETA	**	19.900	
Ì			Ž.	<b>6</b> .	**	2 SAGP = 400.0000 IN. 25	ALPHA =	**	\$,200	28ETA	**	0.000	
						•	H		2				

SCALE :	6010.						×	- E	300.000	
		5	450/ 13 RM	RM/L = 5.86						
•	~	3		5	b	ξ	ŧ	OLTALF	DI. BTA	×
-396.719	-170.459	76697.		1,00647	10562	03568	90004	9.17590	0.01380	300,020,000
-300.960	055	.03220		88,000	10799	03459	-,99964	\$.19940	0.5850.8	370.24777
-399.050	199,071	.03774		38100	11700	7. 180	noon3	\$.12830	8.57020	3,71, 09700
-309.36	198.300	.73656	.02745	.00232	13055	02632	000003	5.15519	A.13620	300.1300N
-396.913	38.60	. 1395a		.00242	14298	02318	00002	5.13-17	7.96800	3กก. กิธิกาก

DATE 20 MAY 75

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TABY TABULATED SOURCE DATA

FACE 381

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AEDC/VAS28 (1A87) -OLETIS1-L/H SAB SEPAR.FRON O/ET

03 057 74 ) (ATU151)

REFERENCE CATA

BETA DBETA PTOT 4.520 0.220 5.200 MACH ::
ALPMA ::
DALPMA ::
X E 1256-9000 IN. XS E .0000 IN. YS E 400.0000 IN. ZS 2660.000 84.FT. 1290.3000 140468 1290.3000 140468

PARAMETRIC DATA

\$0.200 10.900

#### # 14# RUN NO. 451/ 0

390.30000 390.07000 300.23000 399,99999 299,69000 0.03250 0.01140 7.96920 0.01120 7.98719 5.13449 5.12930 5.15290 5.18230 5.14730 .00002 -.00002 -.00002 -.00002 -.00004 .aesta -.02064 -.01903 -.05661 -.06904 -.10711 -.15020 C. 064\$\$ 90**309** .00410 ..00037 CA .02196 .02181 .02381 .03305 9200G. 51250 .02215 .04456 02550. -190.479 -199.910 -200.190 -202.900 -199.320 -200.310

(ATU152) ( 53 OCT 74 )

### AECCAVASEBITABT) - CHETTS1-LAH SKIB SEPAR, FRON OVET

FAGAVETRIC DATA

10.900

14 11 11

8.000

#### REFERENCE CATA

CBETA BETA FTOT 4.520 -.577 5.23 -CALPMA = # # ¥ ¥ 6 2 2 2 = 1250.5000 lw. = .0000 IN. = 400.0000 IN. ##EF = 2690,0003 59,FT, LMD = 1290,3000 INCHES BMEF = 1290,3000 INCHES \$CALE = .0100

		į	7						
>	~	3	ð	CL	გ	Ē	ਵੱ	CL TALF	CL TBTA
-450.000	-100.200	.02603	18490	.00744	11/61	03067	<b>+0000</b>	5.14449	0.51260
-306.000	.463	08880.	.02496	.00364	11400	03017	+,00004	5.09630	7,96245
-398.890	19.037	.33667	21920	.00241	12326	02634	£0000:-	5.12319	7.93870
-386.360	14.770	.03556	.027:05	.00243	13209	02400	90003	5.12910	7.96570
-386.325	400.160	22080	.02783	.m224	14461	71610	0000	5.12630	7.91079

-.03317

-.11995

-.17547

		<u>ج</u>	4527 C 200	2N7 = 5.86						
•	~	ટ		K)	ò	ž	é	Q.TAL	CL TBTA	×
-199.079	-100.369	191127	16420	99600	0866	03961	-, 90008	5.15470	7.97649	62950.
-200.200	-1.915	.02691		90800	08286	03939	90508	5.161(0)	0.0000.0	51779
-200.530	79.355	.04039		19100	09921	03406	+00000	5.11420	0.09300	52855
-18.85	199,790	.03657		29100	12854	02935	OTO A.	3.12890	7.98449	760 E
-196.27	399.730	.02550		22000	15031	02289	00003	5.14260	7.95675	.275%

ORIGINAL PAGE B

## AECC/VASZB (IABT) -OIETISI-L/H SRB SEPAR, FROM OVET

(ATU153) ( 93 OCT 74 )

	# # #
DATA	PTOTL BETA CBETA
MANETRIC DATA	4.580 0.900 0.900
•	11 W 11 H
	MACH :: ALPHA :: CALPHA :: X
	173×
	XMRP = 1258.5000 IN. XS YMRP = .0000 IN. YS ZMRP = 400.0000 IN. ZS
2	
REFERENCE DATA	SA.FT. INCHES INCHES
REFER	LREF = 1290.0000 S0.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = 0100
	E GEORGE : BECKE : BEC

90.300 10.900 8.900										
8 5 *			90210	.039 <b>62</b>	2886			.30230	61621	1916
# # #		×	•	٠.	7		×	7	-	<b>:</b>
PTOTL BETA CBETA		18 TA	1030	8.06340	619		TE TA	7. 9639	07.20	0200
600. 600.										
		74.	11370	4.78759	242		TALF	4.90030	37.00	5750
ALPHA ::		ద	Ť	7	7		ರ	7	7	7
****		ಕ	00004	00004	0000		ē	-,90005	00005	90003
		£	03106	96050'-	02533		£	03700	03645	-,03067
		ò	11207	11292	12776		Շ	10680	08462	12260
\$ \$ \$ \$	RN/L = 5.86	ð	0381	00531	01016	RH/L = 5.86	ž	05647	00900	01526
Z Z Z	Ĭ					Ę				
1256.5007 IN. XS .0000 IN. YS 409.0000 IN. ZS	4547 0	5	.02495	.02401	.02567	4 557 0	đ	.02584	.02517	22386
w w w			4	m	_			•	_	Ņ
	Ğ.	3	0413	93523	7295	RUN NO.	3	93069	7266	- :2352
SA.FT. INCHES INCHES				199.039				.078	C\$\$.	399.690
000		~	\$	2	ž		~	\$	£	ž
			S	2	2			٤	S	8
222		<b>&gt;</b>		-499.209	3.		۰		\$	-199.780
0010: 2 5000'0031 2 5000 1 5000 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			7	Ť	?			7	7	7

				AEDC/VASSB (TABT) - OFETISI - L/M SAB SEPAR, FROM OVET	<b>-</b>	(ATUSA) ( (3 OCT 14 )		දු ද	-
	REPERENCE DATA	•				FARMETRIC DATA	CATA		
	SAE7 = 2690.0000 56.FT.	H SE	н	1256.5000 IN. KS	# 5	4.520	FTOTL	11	90.200
	1290.3000 INCHES	H STATE	#	THEF IS DOON IN. YS	ALPHA	ALPHA =500 BETA : 10.900	BETA	.,	10.900
	BREF : 1290.3000 INCHES	2	**	ZNAP = 400.0000 IN. 25	CALPHA :	-4.950	<b>D8E1A</b>	,,	9.000
BCALE :	0010.				x = 300.000	300.000			

KALE S	6010.						4		12.00	
		RUH NO. 4577 9		PM. = 5.86						
•		₹	3	ð	દ	ξ	ಕ	OLTALF	18 TA	
-196.740	\$5.77.	03402	.02450	21000*-	19979	03775	*0000°*	-4.84290	74.95	299.62500
-367.719		02965	38.20	60000	12274	03459	ACCIOC	-4.67900	7. 2549	
-380.649		02045	.02557	91117	12396	02785	00003	4.85560	6.17650	
		<b>3</b>	0 /951	MAL = 5.87						
•	~	3	5	3	b	Crn	ਵੱ	CLTALF	CLTBTA	
-179.395	3.8	(724A2	96610.	99748	955AB	02202	-,00002	-4.87149	8,06369	300.160CM
185'0.4-	200.140	01956	.02372	00620	96436	02651		-4.67350	0.03990	
-19035	399.413	02099	.03026	01543	12133	03150	997.03	-4.66170	0.01049	

CATE 20 MAY 75				1A87 T	1AB7 TABULATED SOURCE DATA	SURCE DATA				PAGE 383
			AEDC/VA52	AEDC/VAS28 (1A87)-OLETISI-R/H SRB SEPAR.FROM OVET	T151-R/H SF	B SEPAR.FRO	M Q/ET		(ATU155)	( 53 OCT 74 )
	REFERENCE DATA	TA.						PARA	PARAMETRIC DATA	
SBEF : 2690.	2690,0000 SQ.FT.	XMRP	1258.5990 1	IN. XS			E E	"		۱ ،
**		* MARP	.NI 0000.				ALPHA	? " !	-5.905 BEIA	. "
N H	1250.3550 INCHES	ZMRP =	400.0000 IN.	N. 23			X			•
		RUN NO.	4617 0 RN/L	راء 5.90						
1	•	3	5	3	ð	Š	ಕ	DLTALF	CLTBTA	×
- 0	7	- 03514	03619	76000	.00328	70700.	20000.	.18157	.07788	11819
9.630	988	07040	93878	00145	00921	.00648	.00003	.18749	.06445	12209
350.01	545	- 1A273	.03888	99757	-, 02068	.00445	.00003	19708	.07369	09113
19.160	1.00 410	98163	.03631	01225	03185	-,00039	50000.	.21284	.06282	05981
10.473	399.540	05857	.02515	00933	05829	90666	.00001	.18918	.05953	28561
		RUN NO.	460/ 0 RN/L	ハ= 5.90						
		•	į	3	5	ξ	ē	Ct TALF	DLTBTA	×
>	2	3	5	5	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	100	,0000	47442	01.601	16272
99.925	-100.980	03253	.02822	00208	00755	92000-	1,7970	201116	AD000	20762
102.320	-1.785	05009	.02950	00001	01475	-,00305	.00001	. (1)40:	00000	30.27
100.279	199.199	06529	26020	.00030	92626	05444	20000	.17383	.07334	0.101
100.839	290,069	05875	. 52623	7558	03426	-,0:0659	.00001	.17919	18701.	01/41/
100.790	402.949	94846	.92477	00611	-,96944	00722	.00001	. 19125	68860.	10031
		RUN NO.	459/ D RN	RN/L = 5.91						
;	,	ā	đ	2	ځ	Š	<del>ව</del>	CLTALF	CL TB TA	*
<b>&gt;</b>	7	C .	7720	- 00316	02071	-,01409	00000	17928	.04884	.20184
201.730	000.001-	E4000	00.20	- 00062		01332	-,00001	.22818	.97459	13662
200.460	067	962G*-	58457	00000	72927	01429	00001	.18991	.11244	05479
199.661	203.021	FA460 -	265.20	00392	04374	-,01099	-,99909	.19772	.03355	16471
198.570	399.719	93775	.02463	05326	05993	59885	. 00000	.17521	.07385	16145
		RUN NO.	458/ U KN	KW/L = 3.69						
•	•	3	5	CLM	Շ	S S	GP.	CLTALF	CLT8TA	×
	10011	92688	.02402	00782	05319	01423	-,00000	.17955	.09841	12231
400.180	239		.02369	90763	95548	01305	-,00000	.17441	.10700	.01607
769.97	99.982	71726	.02373	-, 99747	95781	01161	- ,00000	.17495	.09201	21452
400 880	090 002	52891	.02353	99792	05917	01122	-,90000	.17913	.07423	08255
344.330	400.380	03050	.02319	-,55691	06974	01095	00000	.16113	\$0260.	. 55831

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PAGE 384

(ATU156) ( 03 OCT 74 )

### AEDC/VAS28 (1A87) -OLETIS1-R/H SRB SEFAR.FROM OVET

	8	CYN .00719 .00141 00195 00580 00685 .00605	маон АLРНА ОАLРНА Х .00002 .00003 .00003 .000002 .000002 .000001	- 4.55 5.90 20 20 16246 18143 19532 19080 07144	20 PTOTL = 9 00 BETA = 1 00 CBETA = 1 00 0ETA = 1 00 0ETA = 1 00 0ETA = 1 00 0FTR
CLM006140095300953008790137901379005560055600656006560065600657006560065700657006570065800658	6	CYN .00719 .00141 00195 00580 00685 .00605	CBL .00002 .00003 .00002 .00002 .00001	•	., ., ., .,
CLM006140087900879007880137900788005560055600657006570065700657006580065800658	, , , , , , , , , , , , , , , , ,	CYN	CBL . 99002 . 99003 . 99003 . 99003 . 99001 . 99001		
00514003530035300379013790137900359005560055600556005690056		.00141 .00141 .00195 00580 00685 .00605	.00002 .00003 .00002 .00002 .00001	<b>.</b>	
00953008790087900879001798001799001799001790		.00141 00195 00580 00685 00605 .00567	. 00003 . 00002 . 00001 . 00001	,	
008790073801379013790073800656006560065800629006330062900633006290062		00195 00580 00685 00605 .00567 .00103	10000° 10000° 10000°	,	
0379810137910137910137910137910137910137310137910		00580 00685 00605 .00507 .00103	. 09093 . 09093 . 09093 . 09093		
0137901379001379001353001656001659001613001	8	CYN .00605 .00567 .00103	.00001 CBL .00001	•	
CLM 00353 00556 00656 00813 00813 00813	6	CYN .05605 .0567	CBL .00001		
CLM003530065600629008130082900829	, , , ,	CYN .00605 .00567	CBL .00001		
-,00353 -,00656 -,09629 -,09813 -,03829 -,03829	, , , ,	.00605 .00567 .00103	10000		
-,00656 - -,00629 - -,00813 - -,00829 -	. , ,	.00567	-		
00629 00813 00829 :N/L = 5.90		.05103	20000	.20140	.05645 299.85000
00813 00829 :N/L = 5.90	·		50000	. 18879	.05823 299.97093
00829 .		00163	.00002	.14194 .1	.17236 299,92000
	1829 U54U6	<b>-</b> ,50806	.00001		06052 299.95000
	5.93				
CLM		Š	ම	CLTALF OL	CLTBTA x
.0277000359016 <u>3</u>	92910 6561	00934	-,00000		.15712 299.95550
.02793002240253	224 -, 02532	00679	50500		07639 300.01000
.02775 .000170351	513512	00590	.00000	60261.	00010.005 77000
.02869 .000340416	M34 D4167	00838	60000	.24737 .0	.04007 299.92000
.0244795491 ~.0561	1491 ~.05616	00851	.00000	•	

299.93000 299.84000 299.84000 299.84000

04.314 .06854 .07888 .05713 .01203

0LTALF .18454 .19631 .17306 .16863

CBL
-.09001
-.09001
-.00000
-.00000

CYN -.01502 -.01500 -.51445 -.01139

CY -,04833 -,04890 -,05110 -,05740 -,06026

CLM -.00817 -.00753 -.00754 -.00761 -.01687

CA .02491 .02451 .02450 .02349

CN -.02513 -.02573 -.02573 -.02535

2 -100.270 -.262 99.903 199.730

490.419 490.930 490.649 401.190

IAST TABULATED SOURCE DATA

PAGE 385

91.200 10.600 (ATU157) ( 03 OCT 74 M H H PTOTL BETA CBETA PARAMETRIC DATA 4,520 -5,900 5,200 300,000 MACH E ALPHA = DALPHA = AEDC/VAS28 (IA87) -O1ET1S1-R/H SRB SEPAR.FROM O/ET 1250.5000 IN. X8 .0000 IN. YS 400.0000 IN. ZS XHAP VHAP REFERENCE DATA 2000.0000 80.PT. 1200.3000 INCHES 1200.3000 INCHES SCALE :

299,92000 300,04000 300,02000 299,93000 300,03000 299,80000 299,97000 299,96000 299,84000 299,90000 300.17000 299,95000 300,00000 300,080,00 299.92000 299.91000 300.00000 299.77000 299.82005 .01103 .067.85 .068.47 .06834 DLTB 1A .03625 .08596 .07678 .05126 .09668 .06993 OLTB TA OL TB TA .97898 .08399 .09570 .07401 .08714 DL TB TA 5.12130 5.20100 5.18360 5.19220 5.18090 5.23490 5.23490 5.18260 5.17630 5.18230 5.09570 5.19020 5.22370 5.19040 5.11170 5.18180 5.16800 5.15880 5.19350 5.18460 5.17280 CBL -.09000 -.09000 -.09001 -.09001 -.09001 CBL .00002 .00003 .00002 .00001 CBL .00001 .00001 .00000 CBL -.09001 -.00001 -.09001 -.09001 CYN .00477 .00462 .00216 -.00141 CYN -.01080 -.0922 -.07997 -.01019 -.00140 -.00703 -.00654 CYN .00815 .00372 -.01863 -.01476 -.01407 -.01248 CYN -.01900 CY -.03006 -.04289 -.05207 -.05084 -.01873 -.03147 -.04489 -.01974 -.02685 -.02836 -.05066 -.03945 -.04699 -.04963 -.05435 -.00864 CY -.00757 CY -.03774 RN/L = 5.92 RN/L = 5.92 . 5.8 .00150 CLM .00483 .00166 -.00398 .00011 -.0008**2** -.00113 -.00129 CLM .00203 .00075 CLM .90062 .90309 .90325 -.00113 CLM -.00049 RNZ **₹** CA .03243 .03122 .03032 .03111 CA .02884 .02774 .02789 .02484 CA .03321 .03608 .03532 .03277 CA .02576 .02590 .02409 .02391 468/ 0 c 1697 Ç, 467/ 3 -.03244 -.02301 -.02766 -.02424 -.01256 -.00905 -.00302 -.00408 -.00213 -.00121 CN -.01869 CN -.09574 CN -.00342 -. 93664 Ğ. -.03891 -.01406 S. S. . 2 3 3 Š Š z 2 -172.150 ng? 199.6863 399.720 200,110 402,060 200.600 399.400 Z -100.049 -.577 500. 768.66 -,494 -.342 99.716 -100.169 199.691 399.900 100.180 100.630 100.080 101.470 200.420 200.390 199.320 199.290 196.020 399.130 490.040 499.240 400.160 7 19.360 19.421 10.459 19.620 101.790 399.910

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CATE EG MAY 75

	_	REFERENCE DATA	7						PAR	PARAMETRIC CATA	
								:		17070	00%
200	2690	2690.0000 Se FT.	XMRP #	1258.5500 IN.				KACH KACH			· (
LAEF E	1290.	1290.3000 IN. HES	YHRP =	.NI 0000.	IN. YS			CALPHA	' " "		і н
BREF = SCALE =	1290.	1290.3000 INCHES .0100	ZMRP	400.1200 IN.				×		.003	
		•	RUN NO. 47	4707 0 RN/L	ר = 5.92						
			į	3	3	ځ	Š	ಕ	DLTALF	DLTBTA	×
>	_	7	5	5			10000	20000	5,18630	67070.	03665
ដ	19.013	-99.853	01467	53263	00000	1010	.00863	10000	5.17060	15780.	06237
3	19.206	.251	03274	.03603	BEOLIT.	00630.	2000	•0000	4 18550	.09011	. 58238
15	19.412	100.029	03433	.03666	05174	-,(1561.5	COMOD.	10000	19590	074.80	78070
15	19.663	199.820	03260	.03334	(20765	93737	5000	0000	5.18040	96640	04696
•	9.950	399.600	01619	. 92369	00519	96860	£1707	TINGE STATE			
		-	RUN NO. 47	471/ 0 RN/L	Λ = 5.92						
		ı	ě	3	3	5	8	é	CLTALF	CL TB TA	×
>		Z	ב כ	5	ָנָים פּינָים	;	00400	10000	5.18769	.08303	21711
Š	100.200	-100.189	01225	.02836	200	10110.	03600	00000	F 10350	01876	. G2424
191	191.629	.189	02121	.03026	.00616	01374	(CCC)	CCCCC.	5.13333	15422	15197
171	191.119	99.613	01679	.02735	00045	92453		CACACACACACACACACACACACACACACACACACACA	0.19695	49.070	- 12877
5	100.480	199.67	01445	.02525	00253	03508	66614.		0.10400	60.00	17697
*	96.321	398.669	96800*-	.52397	00126	05229	50777	90000	). Cueri	71 191 .	
			RUN NO. 47	472/ D RN/L	ハ = 5.92						
		,	ā	3	3	ځ	Š	ਭ	CLTALF	OL TB TA	×
-	· !	7	2	62072	00000	01125	51633	00001	5,15519	.09427	08060
Ç	200.410	-95.238		2020	00000		97.410	10000	5.22460	59053	15612
چ	200.330	106	51129	12821	BCC171.	10010-	00000	10000	20400	01.000	-, 05359
Š	255.425	99.400	00386	.02698	.00033	52339		103373	0.000	90.400	02440
20	293.249	199.709	00139	.02432	00127	03361	01108	00001	0.1960	00 400	60000
19	198.749	399.540	-,00109	.02353	00164	04823	01258	06601	5.19595	9/5:1:	<b>X</b> 130131
			RUN NO. 4	473/ 9 RN	RN/L = 5.92						
•	,	•	3	5	Ð	Շ	Š	ij	DLTALF	₽1.78TA	×
3		1 00	19800 -	.02382	00043	04900	01530	00001	5.15360	114697	14139
, i	396.049	409.661	- 00242	. n2380	8217011-	-,05061	01372	-,00001	5.18259	93650.	27553
	4.10.400	601.	FEC00	02470	190,70	95121	51379	00001	5.17980	95,275,	56524
Ç	490.320	626.86	E + 600	96560	00112	98280	01324	-,99961	5.17139	.94627	.05345
-	401.110	199.780	11200	07070	30000	0.3000	- 01135	UUUUU -	5.18250	.03279	.15143
5	470.970	399.650	00369	.62242	- 0000	600011.	*******	20000			

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( E3 OCT 74 ) PARAMETRIC CATA (ATU159) AEDC/VAS28 (1A87) -OIETISI-R/H SRB SEPAR.FROM OVET IAST TABULATED SOURCE DATA

CATE 25 MAY 75

91.200 10.800 10.000 -,10296 -,12192 .14859 -.11205 .04349 -.15486 -.09706 -.23374 -.02659 PTOTL BETA CBETA .08832 .07127 .08498 DLTBTA .06426 .10616 CL TBTA .07714 .08777 .06792 CL TB TA .026 71 .061 02 .078 96 4.520 -5.900 -4.800 CLTALF -4.83010 -4.83200 -4.83650 CLTALF -4.82350 -4.80980 -4.81980 CLTALF -4.85030 -4.82990 -4.88720 DLTALF -4.80370 -4.79320 -4.78540 MACH = ALPHA = DALPHA = X CBL .00001 .00001 .00001 CBL -.90000 -.90000 GBL .99991 .00002 .00003 CBL .00002 CYN -.00975 -.00959 CYN -.01395 -.01493 -.00972 CYN -.00759 -.05743 -.01048 .00101 CYN .00347 -,06753 -,06745 -,06819 CY -.04028 -.04457 -.06231 CY -.01835 -.03087 -.05482 CY .90748 -.01732 RN/L = 5.92 RN/L = 5.92 CLM -.01138 -.01097 -.01011 CLM -.00035 .00171 -.00489 RUN NO. 476/ 0 RN/L = 5.92 CLM -.00690 -.00376 -.00579 RN/L = 5.92 CLM -.01650 -.01749 -.00994 = 1256.5000 IN. XS CA .02489 .02595 CA .02971 .02674 CA .93112 .02794 .03204 CA .0396Ω .03863 RUN NO. 475/ 5 RUN NO. 474/ 0 RUN NO. 4777 0 -.06167 -.06276 -.06476 15690.--,10229 -.11771 -,07956 -.08147 -.10563 -.12840 -.12989 ž 3 REFERENCE DATA SARF = 2690.0000 50.FT. LREF = 1290.3000 INCHES BARF = 1290.3000 INCHES 200.230 400.370 2 100.020 200.250 399.700 2 99.859 2 99.421 200.300 99.579 199.740 399.290 402.490 499.919 499.790 499.209 7 200.480 99.180 200.430 102.490 100.850 100.660 9.933 10.046 10.639 SCALE =

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					AEUL/VASZB (1AB/) -UIE (13)-K/H SAB SEPAKITACH CFE		10141	in the second sections	3	•
	REF	REFERÊNCE DATA	2				PARAMETRIC DATA	DATA		
HEF	SAEF = 2699.0000 50.FT.	0 Se.FT.	XXX	"		#YCH	= 4.520	PTOTL	<u>۔</u> پ	11.200
REF	1290.305	IN INCHES	Y	14	YMRP = .00000 IN. YS	ALPHA =	-5.900	BETA :		10,800
BREF :	= 1290.3000 INCHE	9 INCHES	2.MR.P	11		DALPHA =	-4.800	CBETA		660
SCALE :	= .0100	ç				" *	309,000			

<b>&gt;</b>	~	3	z	Ŧ,	ჯ	ž	ಕ	OLTALF	OL TB TA	×
19.640	190,050	12398	.63103	02194	01216	00267	20000	-4.81390	.07593	299.94000
19.628	199.815	12388	.03382	01943	03650	00505	50000	-4.79520	50780.	300.02000
9.629	399.810	12797	.03525	61727	05327	99441	.00003	-4.81310	.08799	299.78000
		AUN NO.	479/ N RN	RN/L = 5.92						
<b>&gt;</b>	~	3	5	¥,	Շ	ž	ಕ	DLTALF	CLTBTA	×
100.730	97.113	10505	.03636	01778	00956	00056	20000	-4.73200	.05765	299,40000
97.190	200.560	12129	.03737	01464	-,02094	00379	20000	-4.79630	.17938	300,08000
100.630	399.620	11597	.02980	-,69724	05150	-,00939	.00002	-4.81280	.06604	299.62000
		RUN NO.	4857 G RN	RN/L = 5.92						
<b>&gt;</b>	~	ટ	5	N)	Շ	Š	ਰੰ	CLTALF	CLTBTA	×
201.749	766.66	08825	. 52937	00523	04127	-,99736	.00001	-4.83240	.03857	299,91000
203.369	200.320	59644	.92937	00321	04782	79846	10000	-4.82379	00639	299,96000
200.180	400.000	09376	.02803	90311	05621	61102	.00001	-4.82750	.97623	299.88000
		RUN NO.	4817 D RN/L	ત						
<b>&gt;</b>	~	Š	<b>5</b>	Ę	Շ	Š	é	CLTALF	CL TB TA	×
199.390	99.772	05830	57250.	91237	-, 96326	01157	00000	-4.82930	.06533	300,0000
499.659	199.710	05924	.02524	91186	-,06608	01029	100001	-4.82719	.04225	299.85000
170.320	399.010	56316	702507	01071	56846	00949	.00001	-4.79085	70.190	299, 87000

### TABY TABULATED SOURCE DATA

CATE ED MAY 75	_				1481 1480CA:LO 300ACE 57						
			AEDC/VA52	AEDC/VAS28 (IABT) -QIETISI-R/H SRB SEPAR.FROM O/ET	T181-R/H SA	IB SEPAR.FRO	M OVET		(ATU161)		( 03 OCT 74 )
	BFFFBFMCE CATA	Ą.						PAR	PARAMETRIC DATA	ATA	
SREF = 2695 LREF = 1295 BREF = 1296 SCALE =	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES	XMRP :: YMRP :: ZMRP ::	1258.5000 IN. XS .0000 IN. YS .0000.001 IN. ZS	N. XS N. 4S S. ZS			MACH ALPHA DALPHA X		4.520 P1 -5.900 BE .200 CE	PTOTL = BETA = CBETA =	91.200 10.800 -4.900
		RUN NO.	484/ D RN	KN/L = 5.94							
<b>&gt;-</b>	~	S	(A	CLM - mose	CY (177)	CYN .90035	CBL .00091	CL TALF	DLTB TA -3.63649	,	x 26472
926.96	-191.630	06467	.02798	00038	.91185	.00511	200000	.27484	-3.94980		.9847
199.349	100.059	96897	.02800	00383	00274	.00595	.00003	60261.	-3.91889	•	20100
199.389	200,050 40 <b>2</b> ,050	06689	.02532	-,90798	01476	76000- 00295	.00001	60260	-3.96210		04227
		RUN NO.	483/ 0 EN	RN/L = 5.94							
	ſ	ä	ć	<b>X</b>	5	Š	ĕ	DL TALF	CL TB TA		_
>	7	2	30000	70000	01831	07992	00001	.16683	-3.93460		.07499
200.490	-190.129	4.13619	929261	ACCIV)	.07858	00841	00000	.21979	-3.92890		06312
200.060	364	03169	30020	7.1477	- 90495	6797	.00001	.29335	-3.93229		16724
199.650	193.269	#C3007-	02551	07.6A	71810	00449	.00001	.19241	-3.93896		58382
199.680	399.790	54574	.02374	00377	93122	00466	.00001	.1370	-3,98000		23415
		RUN NO.	482/ 9 RN	RN/L = 5.94							
,	•	3	3	Š	ځ	Š	ਰ	CLTALF	CLTBTA		×
- 0,	100	St010 -	.02543	95M18	97842	01724	100001-	.19847	-3.93180		02017
100.000	6.4	12826	60920	00495	90980	91746	-,00002	.19258	-3.82969		19491
399.720	100.66	112666	.02286	00585	02001	01242	00001	.18692	-3.86739	•	-,:13743
400.973	199.940	52631	.92295	00611	02481	03976	-,00000	.18552	-3.93219		2011
490.019	400.369	92887	.02254	00563	92769	05987	- ,00000	.16167	-3.91615		.11/60

### AEDC

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EDC/VASZB (IAB7) -OIETISI-R/H SRB SEPAR.FROM OVET

	REFERENCE DATA	•									
100 = 150 100 = 150 100 = 150 100 = 150	8000.0000 80.FT. 1200.3000 INCHES 1290.3000 INCHES	YARP H	1258.5000 IN. .0000 IN. 400.0000 IN.	IN. X9 IN. Y9 IN. ZS			MACH ALPHA SALPHA X	, <u>j</u>	4.520 PT -5.900 BE .200 CB	PTOTL = 6	91.200 10.809 -4.999
		PGN NO. 40	4857 0 RN	RN/L = 5.93							
>	~	3	5	ŧ	Շ	Š	ಕ	DLTALF	OL TB TA	×	
100.590	-100.39	94178	.03182	-,00538	.02675	.01557	10000	.18437	-3.94000	299,88000	_
199.570	987- 0	-,85748	.03260	01017	.01155	.01240	200000	.20144	-3.93150	299.91000	_
190.730	0 99.853	062d9	.03348	01117	.00085	.00014	.00002	.19352	-3.93710	299,88000	
97.230	200.7	06388	.03311	01293	-,01099	.00591	20000	.15106	-5.83720		
101.190		05415	.02476	01050	03165	00208	500001	.17606	-3,95870		
		ġ		ANL = 5.94				1	,		
<b>&gt;</b>	~	3	5	3	Շ	Š	ĕ	CA TALE	Z 18 7	×	
£31.230		03892	.02588	00373	.01135	00081	10000	.20706	-3.93260	299. 93000	
201.970		- 74845	.02609	-,00403	.00359	100001-	10000	.16237	-3.96800	300.11000	
202.370		US929	.02687	00153	00303	00156	20000	.19117	-3.97330	300,12000	
203.060		06782	.02760	-,00095	01280	00272	50000	.23021	-3.98880	300,04000	
£70.47Ω		04978	.02454	17/482	93112	00393	10000	.17319	-3.92780	300,02000	
		RUN NO. 48	487/ D RN	RN/L = 5.94							
-	2	ટ	5	C.	ځ	Š	ਵੱ	DLTALF	OL TB TA	×	
400.249	ī	53456	.02575	0.220	00564	01421	100001	.18670	-3.93250	299.87000	
399.890	342	93498	.02523	95242	90714	01498	00001	. 19254	-3.30460	299,83000	
399.660		03637	.92650	99974	18600-	91591	• .00001	.20231	-3.52360	299,98600	
499.629	_	93456	.02563	00155	01524	01342	-,00001	.15769	-3.95539	299.94000	
100			00000			,					

CATE BO MAY 75	5			1487	TABY TABULATED SOURCE DATA	DOUNCE DATA				PAGE 391	_
			AEDC/VAS	AEDC/VASES (1AS7) -OLETISI-R/H SRB BEPAR.FROM OVET	ET181-8/H 9	HE BEPAR.FR	TON OVET		(ATU163)	( 03 OCT 74	_
	MEFERENCE DATA	¥						Y .	PARAMETRIC DATA	7.A	
1966 : 1800 1966 : 1800 1966 : 1800	1890.0000 80.PT. 1890.3000 INCHES 1890.3000 INCHES .0100	A T T T T T T T T T T T T T T T T T T T	1858.8000 IN. .0000 IN. 400.0000 IN.	IX. 18 IX. 18 IX. 28			MACH ALPHA X X		4.380 PTG -5.900 BEI 5.200 CBI	PTOTL # 91.800 BETA = 10.800 CBETA = -4.000	882
		RGN NO.	490/ G RN	RN/L = 5.94							
190.860	2-99.787	CN 00 <b>521</b>	CA .03143	CLM .99332	C4 :00255	ONN 91718	CBL -00001	DLTALF 5.18539	CLTBTA -3.92600	X 390.05000	
199.929	139	02003	.03373	92106	00094	.91423	20006	5.29410	-3.91659		
100.390	199.920	02476	.93256	-,00466	01891	.01057	20000	5.19385	-3.95985	299,92000	
101.039	491.419	01658	.92347	- DIMTA	02566	-,07263	10000	5.11479	-3.96740		
		PUN NO.	4897 D RN	RN/L = 5.94							
٠	~	3	5	3	Շ	Š	ಕ	DL TALF	CL TB TA	×	
P.00.640	-100.160	95449	.02644	\$0000	.00035	.00005	00000	5.18920	-3.92100	300.16000	
199.970	906	01607	52750.	.00334	.00186	00037	10000	5.21780	-3.90200	300.01000	
199.490	99.957	02431	.02753	.00468	00573	99057	10000	5.19630	-3.91219	300.01000	
196.220	250.730	01956	.02564	.00109	01112	70000-	00000	5.12110	-3.85190	299.75090	
197.980	400.030	01286	.02308	00172	02310	09484	00000*-	5.14389	-1.86120	299.64000	
		RUN NO. 4	4887 D RN	RN/L = 5.94							
>	~	3	ð	T.	ბ	ž	ਵੱ	CLTALF	CL TB TA	×	
497.029	-99.561	00635	.02625	51100.	99500	01798	- 50008	5.14250	-3.94990	299.98000	
399.460	212	11177	.02798	.90351	.00219	51809	00002	5.18969	-3.86899	299.89000	
399.670	99.315	0.900	.02587	.07270	00577	01511	-,00002	5.21420	-3.87690	299.95000	
400.490	199.660	99482	.02387	.00041	01395	91216	10000	5.19150	-3.91269	299.99000	
490.340	399.620	00498	.02260	00015	92128	01978	00001	5.17890	-3.92659	299.86070	

OF POOR QUALITY.

(ATU164) (-03 OCT 74 -) TABY TABULATED SOURCE DATA

PARAMETRIC DATA AEDC/VAS28 (1A87) -O1ET1S1-R/H SRG SEPAR.FROM O/ET REFERENCE CATA

SREF = 2595.0200 LREF = 1290.3000 BREF = 1290.3000 SCALE = .0100	2690.0000 SQ.FT. 1290.3000 INCMES 1290.3000 INCMES .0100	XXXX P	1258.5090 IN. .08080 IN. 400.0809 IN.	z z z			ALPHA CALPHA X		3. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	BETA = CBETA =	10.800
		RUN NO. 4	491/ 0 FN/	RN/L = 5.94							
	~	3	క	<b>.</b>	Շ	ر ک	ಕ	OLTALF	DL TR TA		Ş
190.269	-99.827	09690	. 112526	.00484	.00121	.00722	.00001	5.18715	13.606.6-	•	507.7
101.469		52082	.92817	.00335	00395	.01027	10000	5.12780	U1.086.4-	•	64611.
250	99.640	02429	. 92747	-,000157	01059	.00647	.00001	5.19790	-3.98285	•	600000
201	199.625	92314	.02504	90234	01895	10000	.00001	5.19200	-3.92220	•	0 40 40
100.450	399.790	51489	.02280	0/318	-, 02992	00302	00000	5.18359	-3.92880	•	:)4423
		RUN NO.	4927 S RN	RN/L = 5.93							
	1	į	ť	3	5	3	ਰੰ	CL TALF	CLTB TA	×	
	2	2	A)	2000	-	- O'024		5.12690	۲,		92153
200.649	-99.627	- 19979B	18/21.	000	10010	0000	OCCO	4 2615D	•		23564
291.979	-1.756	96610	.02935	57716	1000	-11.1064	00000	00000			25598
272.419	99.344	01705	.02567	.7.566	-, 7,459	40. M. M.	COLUMN TO THE PARTY OF THE PART	20013-6	2000		12521
202.730	199.89	962111-	91.57.	.071156	00978	05571	- 15001	1.010.5.0	20000-		
199.67	396.550	01191	. 42316	61000	-, 02206	05646	0001	5.25379	-0.888.u-		
		AUN NO.	4937 D RN/L	ሊ። 5.93							
,	•	2	2	ž	č	Ç	<del>න්</del>	CLTALF			
- !	3	01010	87263	01110	41100	52071	00002	5.18890	T	•	27813
4.P. 249	1001-	6000	76760	F F C ( ) ( )	- 515.85	91452	00001	5.16219	-3.91965	•	03119
400.500	187	7	*3*3	2000	004.0	0.507	- man	5,17520			.03288
400.970	100,110	00361	. 2366	- (E154	11368		107777-				1,61
477.427	199.691	00442	.02328	BU000'-	01825	91162	I did di -	5.1745			10101
	000	\$ E 4 C/C/C	60000	CEUCIA)	1,2271	1,711,71		21712	-336.		5 PO P

CATE PO MAY 78	_			1487	1487 TABULATED SOURCE DATA	SURCE DATA				PAGE 393
			AEDC/VA52	28 (1AB7) -01	ET151-R/H S	AEDC/VAS28 (IAB7)-OIETISI-R/H SRB SEPAR.FROM OVET	¥ ØET		(ATU165)	( 93 OCT 74 )
	REFERENCE CATA	4						PAR/	PARANETRIC DATA	
2 3 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2699.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	YMRP II	1258.5000 IN. XS .DAND IN. YS 400.0000 IN. 2S	IN. 75 IN. 75 IN. 75			MACH ALPMA CALPH X	" " " " " <b>. . .</b>	4.520 PTOTL -5.990 BETA -4.890 CBETA .099	L = 91.200 = 10.800 A = -4.000
		RUN NO. 4	496/ D RN	RN/L = 5.96						
٠	~	3	5	Ð	Շ	Š	ਵੱ	DLTALF	OLTBTA	×
193.600	98.829	11932	.02926	00890	.02607	00153	50000	-4.78770	-3.99340	.16845
199.219	202.265 402.675	12363	.02873	00840		95146	90000.	-4.80880 -4.90880	-3.95210	.20344
		RUN NO. 4	4957 O RN/L	ハ: 5.96						
,	•	ŧ	đ	3	ځ	ξ	Ē	7 141 5	C. TBTA	×
2	2	15148	0350	19109.	.00563	01311	0000	-4.63520	-3.93150	.05596
200.440	199.610	15606	.03185	.00157	90704	97600	.00003	-4.79490	-3.97179	19510
199.070	490.639	09500	.02731	00394	02744	00728	\$0000	€.9122 <sup>(1)</sup>	-3.93569	06832
		RUN NO. 4	4947 5 KN/L	ハ = 5.97						
•	•	3	3	ž	გ	ž	ಕ	CLTALF	J. TB TA	×
300.549	99.714	-,06400	66927	90791	92432	51369	00000	-4.82170	-1,86410	07916
400.520	199.010	96314	.02510	00618	03031	61079	00000	-4.80579	-3.66530	00101
399.610	490,329	-,06379	.02485	00460	-,03396	00076	10000	-4.83549	-3.91280	.01569
			AEDC/VAS	28 (1487) -01	ET151-R/H S	AEDC/VASZR(1AB7)-OIETIS1-R/H SRB SEFAR,FROM O/ET	¥ 0⁄€1		(ATU166)	( 03 OCT 74 )
	REFERENCE CATA	4						PAR	PARAVETRIC CATA	
2007 : 7090	2690,0000 59.FT.	X PREF	1258.5900 IN. XS	IN. XS			404	**		
*	1290,3000 INCHES		ODOD IN. YS	IN. YS			7 €			10.000
	1290, 3000 TNCHES	798F	490.9999 IN.	£ Ž			₫×	x	300.990	
		#GN 10.	4977 B RN/L	ル: 5.96						
٠	~	3	3	<b>#</b> 30	Շ	ž	đ	<b>BLTALF</b>		*
101.070	99.211	10012	.93449	02155	.02781	71100.	.0000	-4.78515	-3.92280	299.92000
1.47	399.450	1154	.12429	01194	02314	11200	.0000	-4.80690		299.60000
		FUN NO.	4967 D RN/L	راد 5.%						
•	~	3	5	3	દ	Š	ĕ	CLYALF	CL 78 TA	×
P12.801	100.249	Sueen	7275r.	60616*-	€2967	00505	20000	-4.83709		399.19999
203.110	201.960	19603	. n. 759	59200-	90617	00505	\$0000.	-4.89697	-3.97785	300.29000
200.230	304,000	1/3569	21625	\$62LU	P. 626 -	0.4940	CURAL.	-4.8Z8.41		299.897

(ATU166) ( 93 OCT 74 )

## AEDC/VAS28 (1A87) -OLETISI-R/H SAB SEPAR.FRON O/ET

91.200 10.800 -4.000 4.820 PTOTL = -5.900 BETA = -4.600 CBETA = 300.000 PARAMETRIC DATA MACH ::
ALPHA ::
X XMRP = 1256.5000 IN. XS YMRP = .0000 IN. YS ZMRP = 400.0000 IN. ZS REFERENCE DATA ##EF = 2690.0000 50.FT. I LMEF = 1290.3000 INCHES V BMEF = 1290.3000 INCHES 2 SCALE = .0100

### RUN NO. 4997 G RN/L = 5.96

×	299.86000	299.78970	300,24000
OL TB TA	-3.93600	-3.91510	-4.00950
DLTALF	-4.83850	-4,82140	-4.89860
ਵੱ	10000	10000	10000
ž	01147	01232	00003
Շ	02300	02474	03499
כר	00205	-,99979	00613
5	10720.	.02861	01850.
ž	07736	07852	07902
~	199,929	199.47	401.190
>	400.520	399.990	451.679

# AEDC/VAS28 (1A87) -OIETISI-R/H SRB SEPAR, FROM OVET

PARAMETRIC DATA	MACH = 4.520 FTOTL = 91.200 ALPHA = -5.900 BETA = 10.800 CALPHA = .200 SBETA = -8.000 X = .000
	= 1256.5000 IN. XS = .0000 IN. YS = 400.0000 IN. ZS
	11 11 11
¥	Y AND THE STREET
REFERENCE CATA	SALT = 2690,0000 SQ.FT. LACT = 1290,4000 INCHES SALE = 1290,3000 INCHES SCALE = .0100
	H H H H
	AVALE CAG CAG CAG

### RUN NO. \$017 9 RN/L = 5.96

>	•	ð	3	Z C	ځ	Ē	Ē	S TAF	41 EL C	*
200.720	-100.139	04650	29520.	00133	10090	00539	000000	18207	-7.93010	06636
200.590	161.	55536	61120.	-, mn50	.94342	00046	.00002	.17279	-7,98669	90200
199.473	101.200	05915	.02457	97222	76590.	.0TP44	50000	.14906	-7.94289	25754
197.950	270.739	95672	622379	00468	.01365	97100	STATES.	.14997	-7.86779	34620
010.961	396.770	04617	. 62374	00513	-,97630	.99041	100-001	.18252	-7.83179	68512
•		3		7 J		2	ŧ	10 14 14	<b>∀</b> ↓ e.	×
101.370	-\$.375	03365	1983/1	97.285	51820.	01257	100001-	.13238	1. 3. 4 <b>2</b> 0	. 16699
107.450	\$1.0°	94218	.62714	.96136	.02509	91476	100001-	.11561	27.F 31 80	11930
398.730	\$6.519	1.4931	£18812.	96500	.01972	01326	100001-	.26644	-7.61549	15601
349.410	199.350	43967	572520.	.00033	66400	"PIRA3	90000	.22044	-7.86749	12557
590 .00	470.450	559817	172377	9.20	1910/1-	573539	(1000)	16193	-7. 91467	1,64224

PACE	
OURCE DATA	
IAST TABULATED SOURCE DATA	
1467	
CATE 20 MAY 75	
CA 7E	

			AEDC/VAS	28 (1487) -01(	AEDC/VASZB(IABT)-OLETISI-RM SRB SEPAR.FROM OVET	16 ZEPAR.FRO	¥ ØET		(ATU168)	(ATU168) ( 93 OCT 74 )	
	REFERENCE DATA	DATA						PARA	PARAMETRIC DATA	. ✓	
MACF = 2690. LACF = 1290. KALC = 1290.	2690.0000 56.FT. 1290.3000 14CHES 1290.3000 14CHES		E 1256.5000 IN. XC E ,0000 IN. YS E 400.0000 IN. ZS	.5000 IN. XC .0000 IN. YS .0000 IN. ZS			MACH ALPS:+ CALPHE X	, , , , , , , , , , , , , , , , , , ,	4.520 PTOT. -5.900 BETA .200 DBETA 500.000	PTOTL = 91.200 BETA = 10.670 CBETA = -0.000	
		<b>5</b>	502/ 0 RH	RN/L = 5.95							
7 016.303	2 -101 770	CN 04209	CA . <b>924</b> 19	CLN 00706	CY .04577	CYN .07819	. 90000	DLTALF .25947	DLTBTA -7.94960 -7.95360	X 300.22000 300.28000	
202.480 203.370 209.790 201.510	191.090 191.090 199.900 400.530		.02375 .02301 .02375 .02375	00911 00758 00763 00690	.03004 .01789 .00617	.00839 .00539 .00195	20000°	.18663 .18663	-7.92599 -7.92599 -7.97129		
		Š	803/ 0	18.8 = 5.96							
400.130 400.730	-1001.190			00423	رم :2899 :2498	CYN 00968 00988	00001 00001	0LTALF .18628 .22597	CLTETA -7,92990 -7,93380	299.95000	
400.600 401.050 401.050	99.249 196.940 401.260	04948 05564 04063	.02627 .02607 .02415	.00259 .00539 00150	.01664 .01030 00097	00858 00775 00474	100001 100001 100001	69590.	-7.93420 -7.93420 -7.97380		
	MEPENENCE DATA	4; 4	AEDC/VA9	128 (1487) -O1	AEDC/VA <b>328</b> (1A87) -OLETISI -F.M. <b>SMB. SE</b> PAR.FROM OVET	AB SEPAR.FR	<b>9</b> o/£1	PAR	(ATU169) Parametric data	( 03 0CT 74 ) TA	
980 : 500 180 : 150 180 : 500	2690,0000 50.FT. 1290,3000 INCHES 1290,3000 INCHES	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	z 1256.5000 lw. YS z .000.01 w YS z 400.0770 lw. ZS	.5000 IN. 75 .0000 IN. 75			MACH ALPMA BALPMA X		4.520 FT -5.900 BE 5.200 DB	FTOTL = 91.200 BETA = 19.600 CBETA = -6.000	

RV = 5.94 RUN ND. 5957 9 0.1814 X -7.91530 299.94000 -7.92290 299.87000 -7.86030 299.56070 -7.92570 300.02070 -7.93140 300.03070 5.19120 5.19120 5.18250 5.15410 5.16380 900000. -000000. 100000. 100000. CRM .01162 .01314 .01101 .00657 .02233 .02233 .00334 .00195 ..00133 CLW -.0001d -.00149 -.00149 CA .022390 .02344 .02444 .72365 CM -.00590 -.01571 -.01766 -.01820 -.01481 2. -102.319 -634 -004.001 -117.441 -117.448 200.020 100.500 100.500 200.500

395

## AEDC/VASEB (TABT) -OLETISI-H/M SAB SEPAR, FROM OVET

(ATU169) ( 03 OCT 74 )

91,200 10,800 -6,000 PTOTL = 8ETA = 58CTA = PARAMETRIC DATA MACH = 4.320 ALPHA = -5.991 CALPHA = 5.290 X = 300.099 XMRP = 1254,8000 IN. X8 YMRP = .0000 IN. Y8 ZMRP = 4/01,0000 IN. Z8 REPERENCE DATA BAEF = 2000.000 30.PT. LREF = 1200.3000 3NCMES QAEF = 1200.3000 3NCMES SCALE = .0100

#### RUN NO. 3047 0 RN/L # 9.94

	_	_	_		
×	299.97000	300,03000	399,10000	391,14993	300.10000
Q. 78 TA	-7.92860	-7.89460	-7.89890	-7,92035	-7,93140
OLTAL!	5.12530	5.13170	5.23120	5.20130	5.17679
ಕ	0000	10000		10000	16300
Ĕ	91141	01069	D0091	00698	00369
Շ	.03303	16920	.01875	\$1116.	£6100°
ģ	-, 96349	1380	09900	52800.	-00217
5	.02730	60930	.02723	.02515	.02316
3	19900.	01340	91046	01200	01205
~	-23.375	.737	<b>11</b> .303	199.520	384.930
<b>-</b>	20.880	00.460	190.239	00.00	70.670

## (ATULTO) (03 OCT 74 ) AECC/VASEB (1/67) -OLETISI-R/M SAB SEPAR, FROM OVET

PARAMETRIC DATA

#### **ADTENDICE DATA**

4.527 PTOTL =	ALPHA = -5.970 BETA = 10.070	5.200 DBETA =	((C) = X
* 1256.5000 IN. XS	man a coco In. vs	82 .ki. 0000, 000 k	
	•		
	LAST 8 1390.3000 INCHES		0010. • 3.
Ž	9	Þ	KALC .

#### RUN NO. 3067 0 ANT = 5.95

>	•	č	3	Š	Ç	ξ	ಕ	OLTAL F	2, 18 TA	×
201.305	-101.250	01030	.02359	20800	.02539	49600	10000	5.23450	-7,90210	17896
P3.030	-1.300	61550	60420	<b>162</b> 00.	.9112F	90900	10000	5.249.60	-7.998.90	11001.
203.090	₩. 532	91675	.02368	18000	.99878	96500	10000	5.20200	-7.99750	. 32193
200.419	199.049	01796	.02367	.00316	\$2100	75800.	100000	9.18519	-7.97279	03697
C\$9.641	330.420	01325	₩\$\$\$0°	(7)161	-,9509	+10001-	00000	5.19640	646 - 5.5-	.02051
		Š	307/ G RN	RN/L = 5.99						
٠	~	3	3	•	Շ	ž	ಕ	در ۱۸۱۶	C. 18 TA	×
240.000	-100.200	01129	05050	.90350	.03530	01840	Zivoc.	5.19210	-7,93660	12896
670.910	23.	91520	04420.	.00609	.72478	01363	10000	5.19800	-7.92419	.09852
672.0ED	199.760	91114	.02555	luguo.	19510.	0967	100001-	5.14390	-8.71390	19261
479.670	199.949	40110	.02380	323cu.	.00015	624(3)	10000-	\$.16277	GAE19, V.	.12493
47.1.217	25. 350	41159	12857	.97276	.90142	9690	ינאטטז"-	5.16	19772	17010

397	
FAGE 397	
1487 TABULATED SOUNCE DATA	
20 MAY 75	

CATE 20 MAY 75				1487	1487 TABULATED SOURCE DATA	NOURCE DATA				PAGE 397
			AEDC/VAS:	AEDC/VA528 (IA87) -O1ET1S1-R/H SRB SEPAR.FROM C/ET	T181-R/H S	RB SEPAR FRC	¥ O/E1		(ATU171)	( 03 OCT 74 )
	REFERENCE DA	DATA						PAR	PARAMETRIC DATA	
SREF = 2690 LREF = 1295. BREF = 1295. SCALE =	2690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP :: YMRP :: ZMPP ::	1258,5000 IN. ,0000 IN. 400,0000 IN.	IN. XS IN. YS IN. ZS			MACH ALPHA X		4.520 PTOTL -5.900 BETA -4.800 DBETA .000	ft = 91.200 A = 10.800 fA = -8.900
		RUN NO. 5	519/ D RN	RN/L = 5.95						
<b>&gt;</b>	2	3	5	ð	Ն	Š	CBL	CLTALF	CLTB TA	×
200.590	99.882	11260	90720.	-,00309	.05124	90900-	,00004 ,00004	-4.81530	-7.92640	-,13197
200.010	399.700	09847	90.75	00577	00000	00210	.00004	-4.81480	-7.92970	10060
		RUN NO. 5	508/ G RN	RN/L = 5.95						
٠	~	3	5	<b>*</b>	Շ	Š	<del>ව</del>	CLTALF	CLTBTA	×
499.899	101.029	69986	.02776	.00158	.01571	01297	.00002	-4.89157	-7.92400	.12093
490.190	199.960	99393	.93164	.03642	.91498	01313	.00003	-4.83350	-7.92439	10251
399.860	400.480	51718	.02637	00312	00154	05691	500001	-4.82910	-7.91119	.04503
			AEDC/VA5	AEDC/VA528 (1A87) -OIETISI-R/H SRB SEFAR,FRC O/ET	T1S1-R/H S	ARB SEPAR.FRC	: 0/ET		(410172)	( 03 OCT 74 )
	REFERENCE DATA	17.4			•			FAR	PARAMETRIC DATA	
SACF = 2690	2690.0000 SQ.FT.	XMKF	1258.5000 IN.	IN. XS			MAQ.	,,	4.520 FTOTL	11
LREF = 1290	1290.3000 INCHES	YMRF	.0000 IN.				Ą	11		"
BREF = 1290 SCALE =	1290.3000 INCHES	ZNACP =	400.0003 IN.	IN. 2S			₹ S×	CALFHA = -4 X = 300	-4.890 DBETA 300.000	rA = -8.000
		RGN NO. 5	510/ D RN	RN/L = 5.95						
٠	2	3	₹	Ş	Ç	Š	<b>ਰ</b>	DLTALF	DLTB TA	×
202.819	199.229	10289	.92448	01527	.03896	.09481	50000	-4.80823	-7.9612	300.31000
200.770	200.060	10275	.92527	01465	.02315	.00451	.00003	-4.81410	-7.92935	300,08000
202.520	491,039	19181	.02601	00860	.09671	92000*	.00004	-4.88979	-8.00279	300.30000
		RUN NO. S	5117 D RN/L	ハ = 5.95						
<b>&gt;</b>	~	3	5	CLW	Շ	Š	é	CLTALF	CLTBTA	×
400.700	199,949	08649	.02765	00219	.01953	01088	.00002	-4.83589	-7.93860	360.01990
400.760	199.169	08987	.52662	02000	.01259	90935	.00003	-4.80319	-7.96030	299.83000
400,149	399.320	08961	66129	.50141	.00299	00763	.00003	-4,80290	-7.94489	399, 92990

1A87 TABULATED SOURCE DATA	
Y 75	

			AEDC/VA52	8 (1 A87) -01E	TISI-L/H SI	AEDC/VA528 (1A87) -O1ET1S1-L/H SRB SEPAR.FROM OVET	¥ 0/ET		(ATU173)	( 03 OCT 74
	REFERENCE DATA	41						PARA	PARANETRIC DATA	
							:		TOTO DEST	002.10
"	2690.0000 SQ.FT.	HARP	1258.5000 IN.	7x. x5			ALPHA	, ,		1 11
LREF = 1295 BREF = 1295	1290,3000 INCHES		400.000 IN.				DALPHA		.299 CBETA	060° = ¥.
11 M	.0100						×	"	666.	
		RUN NO. 5	513, 0 RN/L	L = 5.96						
1	,	ð	ć	3	5	Š	<sub>ල්</sub>	DLTALF	CLTBTA	×
1 405	7	03849	108401	99378	66270	01436	00000	.19743	.03983	.11729
196.96E-	749	03888	.02244	00464	06979	01616	00000	.21031	.04818	.07201
-399.210	G. 5. 66	03668	.02193	0066	06194	91771	00001	.17761	.09441	.00339
-399.570	199.760	03614	.02192	-,00682	06144	01643	-,00000	.18412	.12400	.03847
-398.950	499.359	03527	.02249	00721	06371	01361	-,55500	.16240	.07629	.27384
		RUN NO. 5	5147 0 RN/L	₁ 5.96						
,	•	đ	đ	1	5	S	é	CLTALF	CLTBTA	×
1 404	000 001	04444	78890	90739	07315	92708	00002	.16715	.06203	77500
200 200	190.962	TOSCI.	. U2644	00815	05827	52613	00002	.11787	027.10	06157
900 900	•	103401	41757	- 0.042	05036	02409	00002	.14784	00764	.09180
020.061-		93238	.02618	00961	05248	02113	-,00001	.17459	02038	.09330
-198.840	399.	02993	.02236	51961	05952	01682	00001	.17891	.06786	50640.
•		RUN NO.	515/ 0 RN	RN/L = 5.96						
,		Z	5	¥.	Š	Š	න් ජ	CLTALF	CLTBTA	×
-98 632	ĭ	03452	.02658	-,00896	-,07002	02530	-,00002	.15748	54161	12954
-192.119	•	03640	.92357	91917	04102	1121763	-,90002	.15662	.15118	.16750
-96.776	8	02661	.52321	00987	02520	01819	-,00001	.16120	.07705	.09032
126.95	199	112439	.02763	61009	94561	-,51919	50001	.18562	71.692	48845
-109.349	499.	02617	.92176	91330	05889	01841	05501	11621.	14762	11455
		RUE NO.	516/ S RN/L	ル = 5.96						
•	^	3	3	Š	Շ	Š	ЭĘ	CLTALF	CLTBTA	×
	1	63944	.52375	17.882	06928	02098	00001	.18437	02691	18999
- 38 . 982		03185	97910.	01111	02925	01255	96991	.13769	11676.	17497
-34.776	8	91794	71910.	50808	01046	-,01062	00001	.14657	. 26261	.06806
77.056	8	91432	.52287	00819	02829	01349	00001	.15755	12920.	.17578
-3A. 49A	399	02987	.02538	01473	05969	01947	00501	.1652	.95744	69956

CATE 20 MAY 75

IAB? TABULATED SOURCE DATA

PAGE 399

(ATU174) ( 93 OCT 74

91.200 10.800 88 390,22999 390,24999 300.03000 300,03000 300.09000 H H H CBETA PTOTL BETA PARAMETRIC DATA .05025 .01220 .06929 .00218 CL.78TA 4.529 -5.900 .200 300,000 OLTALF .17587 .16282 .17958 .17446 .12945 .15169 .16747 . . . . . MACH :: ALPHA :: DAUPHA :: X CBL -.99092 -.00001 -.9090**2** -.00001 -.00002 AEDC/VAS28 (IA87) - OIETISI-L/H SRB SEPAR, FROM OVET CYN -.02309 -.02984 -.01879 -.01556 -.02524 -.01497 -.02298 CY -.07160 -.06694 -.06252 -.06059 -.06143 -.04960 RN/L = 5.96 RN/L = 5.96 CLM -.00686 -.00749 -.00761 CLM -.51089 -.51082 -.00765 = 1258.5000 IN. XS = .6400 IN. YS = 400.0000 IN. ZS CA .02119 .02360 .02494 .02426 .02270 RUN NO. \$20/ 0 RUN NO. 519/ 0 -.03380 -.03548 -.03674 -.03625 -. 93374 -.03345 XMR? YMRP ZMRP 3 REFERENCE DATA SAEF = 2650.0000 50.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100 .210 100.001 199.720 399.910 2 -199.110 -190.199 -396.919 -397.490 -397.290 -198.629 -299.189 -197.819 -251.249 -398.920 -397.825

299,99000 350,11500 300.06000

.05236 .06584 .06094

.11345

-.00001 -.00001 -.00000

-.51245

-.02460 -.03376 -.05665

-.03976

-. 95871 -.(40801) -.51212

-.93116

1.329 153.579 199.919

.52230 .51895 .02785

> -.02028 -. 52827

> > 401,435

RUN NO. 518/ D

-.51335

300,48000 399,32999

.17045

399,15999 399,96999 399.12989 399.95989 300.16000 300.03000 299.94000 DLTBTA X -07245 300.05000 300.21990 300.14999 .03915 .06160 CL TB TA .01662 .57147 .02316 .05509 .56324 .19289 .17467 .24677 .29585 .18458 .17311 .15892 .16962 .16667 .15619 -.00000 -.00001 -.00001 -.00001 CBL -.50001 -.90099 GBL -.99991 -.00001 -.00001 -.00001 CYN -.91516 -.00789 CYN -.91690 -.00460 -.00769 -.01282 -.00885 -.99777 -.00432 -.04516 -.04199 -. 92169 -.01915 -.91588 -.01905 -.00508 -.51659 -. 94684 RN/L = 5.96 RN/L = 5.96 CLM -.01295 -.01285 -.00764 -.91171 -.50734 -.55647 -.01912 -.01051 -. 5/3629 -.00802 .01484 .91251 .01611 .01291 .01276 .01245 .91278 .92571 .02259 RUN NO. 517/ 9 ð -.03001 -.01096 -.03433 -.00948 -.91741 -.03618 -.02568 -.01125 Z 3 2 -199.649 -.263 2 -195.219 -.219 99.851 199.7351 400.290 198,890 399.440 -97.448 -99.897 -97.133 -38.849 -98.946 -58.028 -39.326 -38.727 -38.761

ORIGINAL, PAGE IS OF POOR QUALITY

er 15(14

( 03 OCT 74

PARAMETRIC DATA

(ATU175)

REFERENCE DATA

91.209 10.809 000. 399.11999 390.13990 399.91999 300.010000 300.18000 300.14000 390.25999 300.18000 399.21998 300.01000 299.90000 299,97000 399.14999 300,09000 300.18000 0 0 0 × PTOTL BETA CBETA .09403 .11054 .12968 .06335 DLTRTA . DBZ 1.D CL TB TA .09380 .97124 .19844 CLTBTA .054.04 . 1378 -,004.06 .09711 50270. 4.520 -5.900 5.200 300.000 5.19440 5.19630 5.19550 5.19720 5.17570 5.18320 5.18320 5.17860 5.20560 5.20990 5.18380 5.17280 5.12840 5.12840 5.17040 5.17750 MACH = ALPHA = DALPHA = X CBL -.00002 -.00002 -,00002 **-.**009900 -.000001 -.00001 -.00001 -.00001 CBL -.:00031 -.00001 -.00001 -.99991 -.02080 -.01884 -.01592 CYN -.02005 -.01308 CYN -.02224 CYN -.01295 -,90556 -.01081 -.02167 -.01363 -.99837 -.00675 -.02718 -.03186 -.03902 -.05942 -.01226 -.01865 -.02845 -.05639 -.05888 -.05867 -.06015 -.03561 CY -.:02776 -.06081 RN/L = 5.96 RN/L = 5.96 RN/L = 5.95 RN/L = 5.96 -.00221 -.00459 CLM -.00441 CLM -.50751 -.00394 СLИ .00942 -.00013 -.00131 -. P/12/10 -.05576 1258.5000 IN. XS .0000 IN. YS 400.0005 IN. ZS CA . D2187 . D2436 CA .02178 .01354 .01508 .01700 .02299 .02154 .01526 .02453 .02224 .01959 .02603 521/ 0 RUN NO. 522/ () RUN NU. 5237 9 RUN NO. 5247 0 .... CN -.00671 -.09718 CN - 00880 -.00388 .00028 -.00583 .00625 .90139 -.00353 -.99728 -.01419 .00793 -. 55453 -.00187 RUN NO. XMRP TMRP ZMRP ž : 2690.0000 SQ.FT. : 1290.3000 INCHES : 1290.3000 INCHES 2 -100.150 1.436 997 -.485 99.381 199.570 399.940 2 -199.529 2 -100.320 199.890 399.840 -.159 98.758 198.950 399.700 151.390 .0100 -399.450 -399.470 -399.840 -398.540 -399.100 -199.590 -98.342 -99.181 -99.177 -198.845 -197.789 -200.260 -138.339 -98.432 -99.582 LREF :: BREF = SCALE = SAEF

300,49000 300,69000

.06732 .06792 .76077

5.16620 5.22000 5.17820

300.07000 300.18000 300,14000

. ns 346 CL 13TA

.07346

5.13749 5.16969

CYN -.01350

CBL
-.99901
-.99951
-.99951
-.99951
-.99951

-.06597

-.99734 -.55542 -.51154

-.02922 -.01120 -.00847

CLM -.00896 -.00807 -.00187

.01307 .01374 .01356

-,99189

-.139 99.784

CN -.01383

2 -99.670

-39.380

-39.065 -38.972

-. 02658 -. 05554

.00059

.01526 .92446

.05629 .05895

90000

198.519

-39.698

AEDC/VASEB(IAB7)-O1ET1S1-L/M SRB BEPAR.FROM O/ET

(ATU178) ( 03 OCT 74 )

LAEF = 1290.0000 84.FT.  LAEF = 1290.3000 INCHES  BAEF = .0100  SCALE = .0100  TO 2  -396.890 -100.150  -396.420 .217  -397.660 99.971  -397.660 99.971  -397.660 199.700  -398.840 400.390  TO 2  TO 399.990 -101.390  TO 2  TO 399.990 -101.390  TO 399.990  TO 399.990  TO 399.990  TO 399.990  TO 399.990  TO 399.990  TO 399.990	Y XXXX								4.520			
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			1258.5000 IN. .0000 IN. 400.0000 IN.	2			MACH ALPHA OALPHA X		5.200 5.200 5.000	867A C867A	<b>M</b> 11 14	91.200 10.800 .000
2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	S NO.		528/ 0 RN/	RN/L = 5.97								
2 2 8 8 1101- 1101	;		;	i	2	2	ē	DLTALF	DLTBTA	¥1	×	
691- 691- 7 - 101- 1 - 891- 1			٠ ح	E .	5		0000	5.18150	.97263	63	.13344	7
26	•	901	.02142	12100	61697	96910.	10000	5.15840	41.190.	7	.02086	Q
\$ 661 101- 108- 108- 108- 108- 108- 108- 108	•	674	52154	2000		63910.	10000	5.16749	.02447	74	.94613	
26 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		631	.02247	0000	05047	- 01489	100001-	5.17690	.02570	37.0	.16537	بم
50 101- 101- 108- 108- 108- 108- 108- 108-		324	.02090	00355	05927	01514	-,00001	5.14179	.070	.07043	.06117	
2 101- 199 199 599 599	ACN NO.		527/ 0 RN/	RN/L = 3.96								
24 193 199 299 299 299 299	ð		3	3	ځ	8	é	CLTALF	OLT.	OLTO TA	×	
. 101 199 199 199 199			<b>5</b>	5	98080	- 02744	- CONTO	5.22090	.11.	.11911	20046	9
' & & & & ~		515	.02430	51100	50830	# C # C U	2000	5.19770	.12	12419	95767	<b>.</b> :
2,	•	676	.92773	00100	180001	636361	20000	1001		11472	57500	
198 399 8		00643	.92754	(70245	PC2CI7-	09370-	- 00000	4 17570	2	16323	04067	
399		1460	.02449	- (7,539	C6000	C1120	300000 -		3	92.170	21010	=
	1000467	1467	. 522.15	-,00408	06589	51637	11111	3.19465	1	2		!
	RUN NO.		526/ G RN	RN/L = 5.97								
	3		3	¥	Շ	Š	ខ	OLTALF	2	OL TB TA	×	
		į		00000	0400	- OPER1	50000	5.19280	.15	.15528	.36563	2
7		161	21020.	260700		04070		5.14820	3	.08417	.10496	*
•	•	9	60420.	000400	03830		1000	5.15790	Š.	.65662	.01930	S
\$	•	90214	17620.	- 10.00	0.0000	101833	20000-	5.15310		.14026	.11862	2
-101.360 199.769 -97.745 470,020	·	.00756	37.20.	90457	06348	0168	00001	5.16600	- 90191	191	.38985	2
	RGN NO.		525/ 0 RN	RN/L = 5.97								
	3		5	* *	č	Š	ម	DLTALF	_	CLTB TA	×	
7	•	472	. n21A5	05459	93977	02166	00002	5.14399	8.	.00790	00925	ž.
		2 (A) 1	.01760	17654	91415	91195	99901	\$.09900		. 142 50	25763	5
	)		80010	- CO248	01861	roan4	99991	5,15790		.07186	.97514	4
		19860	101.00	0.0000	- 03723	91116	-,99991	5.14910		.08921	.05656	99
		0.00	98630	10,501	06677	96210	90901	5.16749		.064.03	52774	2
-38,723 399,725	•	55010	201201	26	***							

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(ATU177) ( 03 OCT 74 )

PARAMETRIC DATA

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FRENCE D

1 \$4.FT.	••	1258.5000 IN. XS	xs	MACH =	4.529	PTOTL	91.200
	YMARP	.0000 IN.	4.8	ALPHA =	-5.900	BETA	. 19,
		400.000 IN.	\$2	DALPHA =	-4.800	CBETA	•
				" ×	.000		

### AUN NO. \$29/ 0 RN/L = 5.95

>	~	3	ð	<u>.</u>	Շ	Š	ಕ	CLTALF	OLTB TA	×
99.360	99.411	97628	. 92553	00987	07809	91440	00000	-4.80660	.04537	:6296
020.00	299.179	07258	.92374	61191	+,0690.+	01647	00000**	-4.84530	.12576	.08588
-399,220	490.359	-,97111	.52388	91154	06812	01406	00000	-4.84019	.57864	.32723
		RUN NO. 5	5357.0 RN	RN/L = 5.95						
	~	z	5	CL.	Շ	Š	ජ	CLTALF	CL.TB.TA	×
98.430	99.691	97175	. 92717	01639	55817	02407	00000	-4.83619	.04956	09947
97.180	199,055	56534	5,3557.	51619	05180	02282	00002	-4,82080	76500.	02570
-198.680	399.670	06156	.52334	01561	06024	01808	- 100001 -	-4,82980	.06719	.15192
<b>5</b> -	~	•	531/ G RN	RN/L = 5.95	გ	Š	ම්	CLTALF	CLTBTA	×
97.611	89.74B	76029	.92365	91666	-, 93587	91718	00001	-4.83000	01693	20690
00.00	200,070	05136	. 52575	91759	03181	02111	00002	-4.85769	.13414	64523
-99.503	400.650	95442	.02329	01844	05615	61933	00001	-4.87980	.ne692	08188
		RUN NO. 5	5327 0 RN	RN/L = 5.96						
<b>-</b>	~	3	5	¥,	გ	Š	ឡ	CLTALF	DL78TA	*
-36.541	199.169	04960	16910.	91318	(12350	e0600*-	00000	-4.86490	.76052	19591.
39.659	290.659	04929	.02075	61331	01885	01500	00001	-4.90120	.15383	.13971
36.550	399.749	54927	.52649	52231	05498	92111	00002	-4.84235	1 52	.19238

CATA	
SOURCE	
AB7 TABULATED	
1487	
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AEDC/VAS28 (1887) -OLETISI-L/H SRB SEPAR,FROM O/ET (ATUITA) (D3 OCT 74 ) PARAMETRIC DATA	MACH = 4.525 PTOTL = 91.205 ALPHA = -5.995 BETA = 15.655 CALPHA = -4.695 CBETA = .505 X = 355.059	CYN CBL DLTALF DLTBTA X 0219700001 -4.82890 .05829 300.03000 0189100001 -4.8082001124 300.10000 0153500000 -4.82330 .07290 300.09000	CYN CBL DLTALF DLTBTA X0130600001 -4.86580 .02580 300.070000151100001 -4.86280 .06065 300.130000203100001 -4.82280 .06065 300.13000	CYN CBL DLTALF DLTBTA X 0079700001 -4.83850 12517 309.24000 0039400001 -4.78500 07313 299.91000
8 (1A87) -01ET151-L/H	7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	9 4 6 6 E	CLM CY 0156002937 0141002739 0181305145 RN/L = 5.96	CLM CY +.5124951450 5106301905
	XMRP = 1258.5000 IN. XS YMRP = .0000 IN. YS ZMRP = 400.0000 IN. ZS RUN MO. 5367 D. RM/L =	CA .02522 .02525 .02491 .535/.0	CN CA 05383 .01951 04982 .02144 05612 .02617 FUN NO. 5347 0 RNV	CN CA 54553 .01264 03365 .01381
REFERENCE DATA	2690.0000 Se.FT. 1290.3000 INCHES 1290.3000 INCHES .01100	2 99.907 199.440 399.885	2 100.870 200.120 399.720	2 100.580 197.960
	SALF = 12 BAEF = 12 LAFF = 12	7 - 396. 440 - 396. 940 - 398. 970	Y -196.350 -196.273	-1173.495

CLTBTA X -01306 300.14000 -06269 300.12000 -09829 300.21000

DLTALF -4.90710 -4.84830 -4.85450

C&L -.00001 -.00001 -.00001

CYN -.09457 -.05709 -.01304

CY -.00509 -.00676 -.04161

CLH -.01363 -.00979 -.01336

CA -01166 -01343 -02325

CN -.03511 -.02539 -.02969

2 191.729 200.159 490.479

7 -36.021 -36.674 -39.663

RN1 = 5.96

KUN NC. 5337 0

ORIGINAL PAGE IS OF POOR QUALITY

# AEDC/VAS28 (1AB7) -O1E1151-L/H SRB SEPAR.FROM O/ET (ATU179) ( 03 OCT 74 )

91.299 10.899 4.999 P\*OTL = 9ETA = CBETA = PARAMETRIC DATA 25.4 29.6 20.8 20.9 MACH = ALFHA = CALPHA = X XMRP = 1256.5090 IN. XS YMRP = .0090 IN. YS ZMRP = 100.0000 IN. ZS REFERENCE DATA SAEF = 2690.0900 SQ.FT. X LAT = 1290.3000 INCHES Y BRLF = 1290.3000 INCHES Z SCALE = .0100

### RUN NO. 5377 D RN/L = 5.97

-	~	3	3	<b>*</b>	ځ	S	ಕ	OLTALF.	CL TP 7A	×
99.760	-105.170	03883	26220.	-,00495	19424	02349	10000:-	.13282	4,09140	.13381
39.860	349	04239	.92435	00441	09623	02298	10000:-	. 19132	4.09780	.05521
99.979	99.635	94139	.52501	90518	09064	61220	10000	.19949	4.07925	.19949
99.930	199.630	03741	.92435	90680	08865	02166	00001	.19239	4.13475	11961.
-399.100	400.320	03512	.92417	00799	09382	0;326	-,90000	.16240	4.0/339	.15492
>		n	387 5 KNZL	76.0 = J.	ځ	ž	ð	CLTALF	CLTBTA	×
	200	00010	3476	Creas	- 00847	10110	F0000	16850	4.05690	08052
-197.280	1.257	04023	0.920	6690	07339	03376	-, 99994	.06753	4.03630	38369
060.98	199,295	93344	.92617	01038	96932	03163	00003	.13/159	3.97255	04255
99.620	199.835	02800	.02656	01056	06940	52784	-,90002	.16564	4.06840	.68390
080.00	399.759	02762	.02369	51216	-,58961	52154	00001	.17433	4.08225	05389

# AEDC/VAS28 (IA87) -O1ET1S1-L/H SRB SEFAR, FROM O/ET (ATU180) ( 03 OCT 74 )

FARAMETRIC CATA	4.520 FTOT	ALPHA = -5,917; BETA = 10,800	.201 06611	50.00° t800° = X
	1.5000 IN. XS	.0000 IN. YS	1.0000 IN. 75	
	1258.5000 IN. XS	. 9990 IN. YS	499,999 IN. 75	
	P = 1258.5999 IN. XS	P = .0000 IN. YS	if = 400,000 In. 75	
T.	XMRP = 1258.5999 IN. XS	YMEP = .0000 IN. YS	ZMRP = 400.0000 IN. 75	
REFERENCE DATA	.F.T.	1290,3000 INCHES YNGP = .0000 IN. YS	INCHES	0010.
REFERENCE CATA	SAEF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XS	INCHES	BARS = 1290,3000 INCHES ZMRF = 400,000 IN. 75	SCALE = .0100

#### RUN NO. 5407 0 RN/L = 5.95

×	300.04000	299.98000	300.57005	299.94775	300.21/20
	4,54839				
CLTALF	.18021	.15965	.17740	.18153	.17751
	00003				
ξ	03291	03206	02959	52697	91998
S	09312	08451	08033	DAG93	59131
e.	00778	968UJ*-	17)868	-,190883	(P. 1879
3	.52189	.62376	.52469	.02490	.92477
ટ	63449	03495	03631	03487	-,03496
2	-199.129	.349	99.770	199.630	399.820
	-396,049				

			AEDC/VAS	AEDC/VASSB(1AB7)-OLETISI-L/H SRB SEPAR,FROM OVET	718:-L'A S	RB SEPAR.FR	¥ o∕€1		(ATU189)	( 03 OCT 74
	REFERENCE CATA	17						PARA	PARAMETRIC DATA	•
ı	:		71 0003 4864	,			5	"	4.529 PTOTL	וזו = 91.200
	120 2000 10002		MI DOOD				AL PHA			"
LMET = 1290	1290, 3000 INCHES		400,0000 IN.				DALPHA	"	.200 DBETA	TA = 4.999
**	.0100	ı					×	300	300.000	
		RUN NO. 53	539/ 0 RN/L	7: 5.96						
			į	;	?	3	ē	7A; F	OL TB TA	×
>	~	Z (	(A	# 3 C		109610	- DOG	17193	4.03880	299.85000
-194.580	-199.179	2020-	64.00	50010	- 04222	266.0	00002	12599	4.13969	300.12000
000.105-	0.5.00	01120-	3,010	- 170866	03335	01809	100001	.15551	4.03519	293.82000
000	000 000	- 01618	12199	0903	94788	01792	00001	.15854	4.10550	300,14000
-200.510	400,770	96616	.02037	01332	58115	-,32492	00002	.14111	4.19719	300.19000
			AEDC/VAS	AEDC/VAS28 (IA87) -OLETISI-L/H SRB SEFAR.FROH OVET	7151-L/H S	RB SEFAR.FR	¥ o∕€ī		(ATU181)	( 03 OCT 74
	REFERENCE DA	CATA						PARA	PARAMETRIC DATA	<u> </u>
. 2690	2690,0000 59.FT.	XIME	1258.5000 IN.	IN. XS			MAGA	,,		11
	ž	H HERE	.N1 0000.	7S . 7S			ALPHA ALPHA	,,		
11 11	1290,3990 INCHES		400,0000 IN.				Coll PHA X	ii ii	5.2° - DBETA 300,020	
		RUN NO. S	5417 G RN	RN/L = 5.96						
•	•	3	5	¥	č	£	ĕ	CL TALF	CI, TB TA	×
- 100	100	- 00529	12166	OCP21	08402	03121	00003	5.19975	4.10850	399,17990
-300.120	.632	97656	.02446	00092	08047	-,02969	00003	5.20970	4.11259	300.33000
20.00	99.741	95520	.02569	00248	98144	02706	90002	5.18480	4.14389	300.16900
26.	199,640	. 95421	.02551	00203	-,08625	02322	OPPORT	5.18760	4.14120	399,15909
-396.930	399.965	00324	.92493	00348	09120	01965	10000-	5.17449	4.06845	306.08900
		RUN NO. S	542/ D RN/L	ار = 5.96						
•	•	ž	3	¥	ځ	*	క	CLTALF	CL TB TA	×
- Part 1	-190.310	-,01670	.02147	10370	04965	92512	-, 99903	5.17639	4.15359	390.17999
069	601	50019	19610.	-,05409	03600	91779	90001	5.17289	4.58595	300.19000
-198.549	34.528	Croson.	02034	07446	94318	51458	-,00001	5.19320	4,90735	356,11990
-201.060	136.645	\$1116	. 1.2 341	00330	05654	01513	00001	5.21160	4.10739	300.32000
		31600	C1010	17.44.0	98.66	02118	10,70	1.18240	0000 F	5000 000

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DATE 29 MAY 75

PAGE 496

	REFERENCE DATA	7.4						3	PARAMETRIC CATA	SATA	
34EF = 2690 14EF = 1290 24EF = 2690	2690.0000 S6.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	H L L L L L L L L L L L L L L L L L L L	1258-5000 IN. XS .0000 IN. YS 400.0001 IN. ZS	IN. XS IN. 7S IN. 7S			MACH ALPHA CALPHA X	11 11 11 11	4.520 P -5.900 B 5.260 C	PTOTL BETA SBETA	= 91.200 = 10.800 = 4.000
	7	RUN NO. 5	544/ D RN	RN/L = 5.95							
-		3	3	3	ð	ž	ĕ	DLTALF	OL TB TA		×
-399.300	-190.190	01090	.02397	.00198	09335	02326	0000	5.17850	4.98309		.14969
-397.875	.130	09945	.02396	2,000.	06754	02284	-,0000	5.15500	4.04340	•	04296
-367.290	100.370	00636	.02363	00124	08539	-,02206	00002	5,14650	4.03050		.24121
-386.120	199.620	00395	.02345	902:5	06733	1.020	100001-	5.16830	4.03080		.14551
-396.160	400.090	00369	.02344	00320	09162	01620	10000	5.16210	4.02360		.14933
		ALM NO. 5.	\$437 D RN	RN/L = 5.96							
-	~	3	3	Š	Շ	Š	ಕ	CLTALF	CL TB TA	^ <	*
-201.520	-101.520	01192	.02400	.00159	97671	03577	-,00004	5.23959	4.13450	5	36299
-201.479	451	00778	.02723	00213	()6542	03256	00003	5.18145	4.15290	·	02610.
-201.500	99.630	00194	.02650	00368	06937	02856	.,00003	5.17900	4.15470	•	17301
-199.060	199.749	.90137	.02650	00557	07762	02526	00002	5.16319	4,96649		02328
-196.600	399.945	-, 20546	.02419	-, 90494	09501	61951	-,00001	5.18000	4.03190		.15880
			AEDC/VA52	18 (TAB7) -OLE	:T1811-L'A 9	AEDC/VASZB (IAB?) -OLETISI-L/H SHB SEPAR,FROH O/ET	<b>Q</b> 0/ET		(ATU183)		( 03 CCT 74 )
		;									

- 2008	2 190.0000	000	•.FT.	×	*	1256.5000 IN. XS	# P	4.520	FTOTL	91.200
	4.00	200	KHES	A.	M	INCHES YMRP & . DOND IN. YS	ALPHA =	-5.900	BETA	= 10.800
	BAEF = 1290.3000	1 000	MC MES	a W	H	400.0000 IN. 25	CALPMA #	-4.800	CBETA	4.000
SCALE =	ć	0010					# *	CC.		
	•	3								

		3	5457 D R	FEV. = 5.96						
•	~	z		,	გ	Š	ĕ	CLTALF	¥1.3; 16	×
-399.670	195,990	07862	.02562	01084	10143	16550	100001	-4.83699	4.10020	.28973
-399.530	199.720	97601		01059	09492	02192	00001	-4.60480	4.19629	19,1
-399.970	400.379	97140		91214	09408	96610	00001	-4.84149	4.07030	.3065
		2 0	546/ U R	RN/L = 5.96						
•	~	ટ		Ę	Շ	C	é	DLTA!	OL TB TA	×
-18.89	10.702	05019	.02699	01003	07171	03111	• .00003	3624. F-	4.04830	20103
-107.010	196,060	05050		0105	06122	63074	10000	38974 T-	4,00779	9760
-100.719	300.347	75466		01890	07880	72510	<b>₹</b> 05000*-	-4.83610	4.97390	101:

DATE PO MAY 75	AV 75			1487	IABY TABULATED SOURCE DATA	COUNCE DATA				Á	PAGE 407
			AEDC/VAS	AEDC/VASZ8 (1A87) -O1ET1S1-L/H SRB SEPAR.FRON O/ET	ET181-L/H S	RE SEPAR.FR	ON OVET		(ATUS 84)	( 03 OCT 74	( % !)
	REFERENCE DATA							7	PARAMETRIC DATA	2	
			1258. 5000 IN.				AL PA			PTOTL #	10.800
BCALE .	1890. 2000 INCHES		400,0000 IN.				×	DALPHA # 30	300.000	CBETA	<b>9</b> 00.
		٠ ا	848/ D RR	RW/L = 5.05							
•	~	3	5	T)	b	£	ਰ	OLTALF	DL.TBTA	×	
-396.720		06867	09770	10110	06900'-	03159		-4.82110	4.05030		200
-396.075	975 199.960 975 399.950	06963	.02450	01419	06293	02884	00002	-4.82460	4.07070	300.17000	22
		#GN NO. 5	847/ 0 4N	THAL = 5.95							
•	~	3	5	ð	Շ	Š	ਵੱ	DL.TAL.	OL TBTA	×	
-196.590		95514	.01695	01503	03790	01790	00	-4.84290	4.00990		900
-270.230	2	56391	.02048	01498	03537	-,02065	-,00002	-4.85920	4.09820		8
-196.610	610 399.100	04703	.0201	01923	07116	02612	50000	-4.62340	4.06960	299.88000	£
			AEDC/VAS	AEDC/VASEB(IABT)-O ETISI-L/H 9RB SEPAR,FROM O/ET	ET181-L/A 9	IRO SEPAR.FR	ON OVET		(ATU185)	( 93 OCT 74	. 27 1
	REFERENCE DATA	174						P.A.R.	PARAMETRIC DATA	44	
	1690.0000 98.FT.		1258.5000 IN.	IN. 75			10 1		4.529 PTOTU	PTOTL #	91.20
		Ì	400.0000 IN.				CALPHA			C8E7A :	000.9
אנשונ ב	06167						*		Cicio.		
		ACN 160. 5	5497 O RN/L	ハ = 5.95							
•	~	3	3	CLM	Շ	Ē	ਵੱ	CLTALF	Q.TBTA	×	
-400.930	\$	<b>6927</b> 0'-	50220	-,431565	12776	03437	00003	.17950	8.09550	.21491	16
-400.000		2012	<b>1675</b> 0.	05(6)	11391	03448		19705	6.0950g	25/60	<b>3</b>
-396.960	ž	03435	.02474	00930	19493	03063	00002	17549	8.05720	10026	<b>.</b>
-399.620		03426	.02696	00934	12544	02374	100001	.15924	8.07269	.00010	19
	-	RUN NO. S	5507 G RH/L	√ = 5.95							
•	~	3	3	כרא	č	ž	ಕ	CLTALF	CLTBTA	×	
-189.697	-100	-,08367	P. 12803	90322	13599	04098	0000	. 16259	0.73790	26420	28
-879.430	• !	04245	2692:	97951	793.66	03915	00008	15099	0.07820	. 20933	22
-105.000	<u>.</u>	60250	19520		97141	12860.	- 50004	51701.	7.96450	37824	2.
		1.22.1	61926	- 6113			* (1000)	),CC1.	0.000	1 (6).	: :
					•					2	3

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(ATU186) ( 93 OCT 74 ) AEDC/VASEB (TABT) -OIETISI-L/H SRB SEPAR,FROM CVET

FARAMETRIC CATA	MACH = 4.3ED PTOTL = 91.295 ALPHA = -5.900 BETA = 19.699 CALPHA = .200 CBETA = 8.950 X = 399.099
	MACO ALPO CALF X
	XMRP = 1236.5000 IK. XS YMRP = ,0000 IN. YS ZMRP = 400.0000 IN. ZS
4	
REFERENCE DATA	8: £F = 2690,0000 58,FT. X LREF = 1290,3000 INCHES T 8REF = 1290,3000 INCHES 2 \$CALE = .0100
	3CALE 9866 1867 1867 8: 67

RUN NO. 5527 5 RN/L = 5.95

***			.02356	00646	11547	04233	\$0000	17986	8.05649	
\$ \$	-100,050	74150								
[42.46]	.567	03696	.02484		- 10008	- 24150	50003	.12453	8.02430	
197.420	99.934	03620	68525	01033	19345	03868	-, 90004	.15671	7.98910	299.68000
199.739	199.900	03196	.02560	01093	19190	-,03383	94003	.17678	8.97779	
-399.500	399.87	03256	.02637	51039	12138	172499	1(444)	.17885	8.07690	300,24906
		RUN NO. S	5517 0 EN	FN/L = 5.95						
<b>&gt;</b>	~	3	3	<b>*</b>	ò	Š	ਦੱ	CLTALF	CL TBTA	
24.245	-199.239	-,54551	62130	91245	08289	03342	00003	.16954	8.01900	
22.250	602.2	03783	.51851	(11181	05400	02497	00002	.19969	8.14749	
080.00	\$.914	02253	.01620	(70.952	-,04585	42145	00102	.16431	06.110.8	
-200.650	200.130	01108	.02114	(2)9/13	05697	-,52431	500001-	.15453	8.17539	
96.850	194.461	01868	.63933	01223	11385	52651	00001	21912	8.67439	299.8(7)

MEFERENCE CATA

PARAMETRIC CATA

4.529	ALPHA = -5.900 BETA = 19.800	5.200	x = 300,000
	. OCHA IN. YS	POLICION IN 25	*
**	**	**	
KARAF	I TYPER	T T	
2690.0000 SQ.FT.	LINE : 1290, MOON INCHES	ERET # 1290.3070 INCHES	00107
: DM		*	SCALE :
3	Š	F#53	X

RUN NO. \$537 0 GN/L = 5.95

•	~	3	₹	M T	ჯ	ž	ĕ	CL TALF	Ct. 10 TA	×
401.070	-100,040	<b>29</b> 610*-	\$222U.	STORE.	15211	04176	00003	5.22930	8.152.85	300.439.0
-411, 110	439	97612	.72501	00001	99821	03019	- 1977.	5.19959	8.15375	390.24905
-409.130	\$4.545	20142	. 52728	1980.	10201	03419	500003	5.1951	8.15565	3991,31966
-8-30-38-1	201.10S	00100	61,421.	5/3538	11395	N2891	000/12	5.16449	A.17139	300.27586
.300.037	399.939	17/1244	\$6920	9:399	12731	02314	95901	5.1745	8.975 29	3771,04750

CATE 20 MAY 75				1467	1A87 TABULATED SOURCE DATA	NACE DATA				PAGE 409
			AEDC/VA52	AEDC/VAS28 (IABT) -OIETISI-L/H SRB SEPAR.FROM OVET	T1811-CM St	18 SEPAR.FR	¥ OET		(ATU187)	( BS OCT 74 )
	REFERENCE CATA	2						PARA	PARAMETRIC CATA	
COOC. 0451 : 1240.0000 COOK. 0451 : 1240.0000	.0005 54.FT. .3000 INCHES .3000 INCHES		1256.5000 IN. .0000 IN.	In. xS In. 7S In. 7S			HACH ALFHA CALPHA		4.529 PTOTL -5.900 BETA 5.200 CBETA	006.01 = 10.000 = A
	_						×	<b>8</b>		
		RUN NO. 5:	5547 D RN	RN/L = 5.95						
Þ	~	3	5	3	S	£	ਵ	DLTALF		×
-201.340	-100.300	02010	18130. 18194	95558	06753	19620:-	50000	5.16910	6.12380	300.28000
-146.530	97.490	.00628	2010.	-,00345	75050	02130	2,000.	5.23530		399.14990
-200.449	196.560	01020	.02373	00369	97366	01964	10000	5.19920		300.62000
-199.090	399.849	90206	.63274	90378	12749	02370	00002	5.17139	9.05330	299,85000
			AEDC/VAS	AEDC/VASZB (IANT) -CIETISI-L/M SAB SEFAR,FROM CVET	T1811-CM S4	O SEFAR.FR	¥ 0⁄€1		(ATU168)	( 03 001 74 )
	METERENCE DATA	4						FARA	PARAMETRIC CATA	
SACT : 2690.0000	.0000 Sq.FT.	II AND I	1256.5000 IN.	N. XS			¥ O	"	4.520 FTOTL	002.16 = ,
	1290, 3000 INCHES	THEFF ::	.NI 0000.	IN. YS			AFR	,		,,
0421 = 1240	1290.3007 INCHES	ZMEP II	400.000 IN.	χ. Ω			CALPHA		5.20 CBETA	A = 6.000
			3	8			•			
	-									
•	~	3	3	υ U	Շ	ξ	é	OLTALF.	CL TB TA	×
-400.110	-170.069	91351	.02249	.07246	11219	03452	10000	5.17700	8.08510	. 16059
- 357. 403		.00100	1277	18107	-11075	6000		5.18550	8.08430	.04867
-397.720	199.579	gons4	01920	00351	11603	02527	- 00002	5.17890	7.98460	02414
-394.390	389.840	00364	15920	-,96337	12912	02180	100001-	5.17749	8,021.00	06569
	-	RUN NO. 55	5557 D RN	RN. = 5.95						
٠	*	3	5	<b>8</b> 3	Շ	ξ	ਵੱ	OLTALF.	OL TB TA	×
-203.420	-101.429	52910'-	.02507	61100	10007	5422B	-,00006	5.21790	0.13230	. 53616
-200.430	- 360	-, 20064	.02656	07264	97478	03968	- (100008	5.16930	0.12060	13751
680°168°	755	\$6214	.02en7	00.435	06141	03637	ACCOUP	5.16540	0.16210	13465
· 199. Phy	199.661	44010	. 72721	20730	1.7967	03167	00003	5.15670	0.05630	27968
-	em.210	m1542	. 12725	6. M	13332	#622 <sub>0</sub> -	10000	5.16300	A.07519	.05765

CATE TO MAY 75

			AEDC/VAS	AEDC/VASZBIIABT)-OLETISI-L/M SAB SEPAR,FROM OVET	ET151-L/M \$	AND SEPAR.FR	ION OVET		(ATU189) ( 03 CCT 74	6	C 27 720 1	~
	REFERENCE DATA	174						2	PARAMETRIC DATA	<b>4</b>		
SACT = 2590.0003 LRET = 1290.3009 BACT = 1290.3009 BCALE = 1290.3009	.0000 54.FT. .3000 INCHES .3000 INCHES	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1256.5000 IN. X8 .0000 IN. Y8 400.0000 IN. Z8	.5000 IN. X3 .0000 IN. Y3 .0005 IN. Z5			A PACA	I	4.520 PTG -5.900 BE -4.800 DBG	PTOTL = BETA = CSETA =	91.200 10.800 6.640	000
		9	957/ G RN	RN/L = 5.30								
<b>&gt;</b>	~	3	5	#75	5	N.	ಕ	CLTAF	CL TB TA	×		
000 OC	190.940	07996	.02423	91203	11763	03448	9000	7.82270	6.10160		.09816	
-396.400	400.250	07034	06920	01451	10037	-,03409	00004	-4.83045	8.04890 8.06570		11152	
		RUN NO. 5567 0		RIVL = 5.35								
٠	~	3	ฮ	N)	ځ	Š	ŧ	CLIALF	2.78.7A	*		
-201.570	101.000	D6992	12720.	01747	09193	03663	A0000	4.94000	0.12020		97773	
-197.489	199.100	55577	.52478	51842	97795	93785	-, 20035	A.86470	6.03530	ï	25564	
-800.810	399.900	9465	.02353	52147	1,555	: 3235	00003	-4.84970	6.07890	·	14679	
			AECC VASS	AEDC/VASSB (TAB?) -DIETISI-L/M SAB SEFAR,FROM OVET	ET1S1-1-74 SE	en sefan. Fin	9 of		(ATU190)		( 33 OCT 74 )	
	NOTENDICE CATA	174						3.5	PARAMETRIC DATA			

			5607 G R	RN/L = 5.98						
7 396.760 397.430	* * * * * * * * * * * * * * * * * * *	CN 06005 06560 06492	CA - D2544 - 72486 - 72520	CLM 01877 01786 01673	CY 10141 09654 11326	CYN 04065 03033	99972	CLTALF -4.62349 -4.60469 -4.82659	CLTBTA 8.53729 7.99889 8.1359	X COOT 5.865 COOT 5.865 COOT 6.000
		- ON MO	5597 O RI	RN/L = 5.97						
186.087 277.349 187.629	2 101.270 273.420 396.450	Cs 05015 0587 03467	C4 .010.7 .02011 .02010	CLN 01664 01515 02173	CY -,04764 -,04966 -,09005	CYN 02151 02481 03192	90902 90902 90903	CLTALF -4.87327 -4.86/97	0LT8TA 7.98<-30 8.10230 8.02130	X 299,79000 300,30000 299,78000

91.200

PTOT BETA CBETA

4.520 -5.970 -4.800 390,520

MACH ::
ALPMA ::
CALFHA ::
X

= 1254.5000 IN. YS = .0000 IN. YS = 400.0700 IN. ZS

### = 2480,0000 59,FT.
LMT = 1290,9000 INCHES
#### = 1290,3000 INCHES
#KALE = ,0190

24 VAN 96 WAY 75				1467 1	1487 TABULATED SOURCE DATA	NIRCE DATA				•	PAGE 411
			AEDC/VA528	1 (1 A B 7) -O1 E	T151-R/H 56	AEDC/VAS28 (1A87) -OLETIS1-R/H SRB SEPAR.FROM OVET	M OVET		(ATU191)	03	( 03 OCT 74 )
	REFERENCE DATA	2						PAR	PARAMETRIC CATA	.<	
SAEF = 2690 LREF = 1290 BREF = 1290 SC:LE =	2690.0000 90.FT. 1290.3000 INCHES 1290.3000 INCHES	YARP H	1258.5000 IN. .0000 IN. 400.0000 IN.				MACH ALPHA DALPHA X		4.525 PTOTL 10.209 BETA .009 DBETA	14 ¥ 11 11 11 11 11 11 11 11 11 11 11 11 1	91.200 11.000 .000
		RUN NO. 5	564/ 0 RN/L	.= 5.99							
;	•	ð	5	2	5	Š	ਵ	DLTALF	CLTBTA	×	
¥60 0.	20-799	.07383	.03945	.02898	02251	.00556	00003	.12095	12741	ï	12136
10.655	405	.06715	.04105	.02589	.00058	.00610	00003	12695	14258	•	.06146
11.005	99.178	.05561	.03843	98600.	01030	.00849	00002	.11446	12458	•	.0017
10.979	199.120	.02845	.03328	.00266	02158	.00290	00001	.11184	12127		.23061
19.716	399.830	.94561	<b>%</b> 120.	9661161	90.00						
		RUN NO. 5	5637 S RN/L	L = 5.98							
:	,	ð	đ	3	5	Š	ච	<b>DLTALF</b>	CLTBTA		
<b>&gt;</b>	7	2	5	ָּבָּי <b>ָ</b>	- DPRED	- OPENA	20000	.11546	12720	i	14297
100.450	-99.988	.06418	51550.	1,4163	- 02740	00195	0003	12081	15860	ī	05619
100.990	992	7196	67560	60010.	00260	00700	00003	09934	-, 19856	•	.38749
199.299	99.650	.04309	75837	10000	03916	07673	-,00002	.09045	10769	•	.52200
100.620	199.639	04777	92750	.01325	04807	01432	00003	.08261	08272	•	.34167
100.130	0.00		562/ D RWL	•••							
1						į	ŧ	<b>1</b>	ST ST	×	
>	~	3	<b>5</b>	3	5	4 P	9		14085	•	53829
201.200	-100.320	.05294	.02852	02810	26.450	20010	300000 -	60770	14102	• •	37620
200.250	300	.04572	.02780	03510	A524	01163	- O0003	07.00	11747	•	30995
200.119	100.790	.03989	.02514	01210.	05565	04040	FOODS -	1400	1.055.88		27642
199.170	196.970	.03987	.02729	.01435	57960-	01010	50000	1704	- 12448		32434
196.900	399.230	.05689	.02643	.01200	05943	01249	CLT.C.			•	
		RUN NO.	561/ D RN/L	L= 6.00							
,	•	3	5	¥	Շ	Š	ಕ	OLTALF	DLTB TA		
- 1	7		38860	01256	06418	00984	-,00003	.12516	11707	•	.41179
400.480	-100.45	Person	A7200	.01148	96545	00951	00003	.11980	13598		.43089
1040.1040	967	78130	108 SU	.01001	96539	16600'-	00003	. 12351	12157		.42429
490.000	99.439	0690	10.513	60010	76564	91924	00003	.11103	10517		.44135
499.549	199.36		. D244A	98800	96646	00932	00003	.09448	09764	•	. 52144
490,579	201.660	70.0	011301								

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(ATU192) ( 03 OCT 74 )

## AEDC/VAS28 (1A87) -OLETIS1-R/H SRB SEPAR.FRJM OVET

2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES	H description	. 0000							
2		400.0000 IN. 75	7. 7. 7. 7. 2. 7. 7. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.			MACH ALPHA DALPHA X	1 1 10	4.520 PTOTL 10.200 BETA ,000 CBETA 00.000	7TL = 91.200 A = 11.000 TA = .000
	RUN NO. 5	565/ G RN/	RN/L = 5.99					,	:
	ž	5	E TO	Շ	Š	é	OLTALF	OL TB TA	×
3 .		01010	04740	- OARDE	00013	00003	13351	15011	299.89000
-100.280	1,967.	90000	90110	90000	00480	10000	.11486	13599	299.93000
.03	.06591	.03368	91170	0636	ececo.	2000	00000	4006	200 82000
100.380	.05366	03690	.01439	02413	.00106	20000	.1000.	9997	100 05000
199.120	.93426	.03721	69£00	02644	76100.	-,99002	.11383		200,03000
400.000	.04293	,92824	69600	03403	01256	0000	.07007	14447	299.967
	RUN NO. 5	5667 D RN/L	L = 5.99						
•	3	5	3 C	5	ž	ĕ	OLTALF	OLTBTA	×
,	-			04767	- CODE		15034	21113	299.84000
-101.160	.07605	25750	60.U.		10000	DOUG-	10259	18269	299,86000
1.331	.05362	16860	106	1000	00000	40000		****	00000
99.635	.03728	.03724	.01619	02920	.00563	20006-	06601.	11441	300.000
199.440	.02778	.02947	.00867	03304	00211	-,00001	10499	- 16:109	Sections.
399.820	.04585	.02793	.01307	04579	01409	00003	.09601	11837	0.99.89.895
	AUN NO.	B67/ IS RN/L	'. = 5. <b>99</b>						
	3	5	5	Շ	Š	ਵੱ	DLTALF	OL TB TA	
•		*****	708.40	11010	- D07R7	000	.12410	14322	300.13000
-100.000	tustra.	66231	10000	10000	6000	1000	***	18824	299.91000
-1.113	.04139	196201		10360.	33000	10000	00000	17669	200 020M
99.371	06750.	,02855	.01652	05025		- 18.8.8.6	12021	60011	300 0000
199.860	.03554	.02664	.01388	05457	00945	00003	.1987.	110:19	Strik Caraca
399.22	.95454	.02673	.01236	-,95731	01268	-,00003	. 19379	•.09663	GG18'662
	RUN NO. 5	5687 D RN/E	.π 5.97						
•	3	5	<b>क</b> (	Ç	Š	é	CLTALF	CLTSTA	×
	05464	12549	70510.	-,06599	11900	00003	.09839	11653	299.92000
501-5435-	0100	112611	75710	06354	01926	90003	.12233	58543	299.99000
369	602001	10000	*******	10000	9000	10000	07750	0F UF 1	TOP DROWN
100.360	.05847	,02504	.61175	ricon.	B061717	50000 -	£2500.	60 900	CADOO DOG
199.900	.06100	.02527	.01000	06523	01030	00003	767813.	Uebac	

	_	¥	PTOTL BETA CBETA
	93)	۵ u	F 88 82
	(ATU193)	PARAMETRIC DATA	4.520 10.200 5.100
		PAR	30.00
			MACH = ALPHA = DALFHA = X
	χĘΤ		
	AEDC/VAS28 (1A87) -OIETISI-R/H SRB SEPAR.FROM OVET		
DATA	AR.F		
IAST TABULATED SOUNCE DATA	ğ		
8	<u> </u>		
<b>LATE</b>	1-8/		
TABL	ETIS		
IA87	Š		
	(148		9.5000 IN. XS .0000 IN. YS 3.0000 IN. ZS
	1A 528		888
	Se		1258.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS
	₹		\$21
			H H H
		_	XMRP = 1250.5000 IN. XS YMRP = .0000 IN. YS ZMRP = 400.0000 IN. ZS
		DATA	
		EXCE	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		REFERENCE DATA	SREF = 2690.0000 50.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100
73		Ē	0.00
DATE EO MAY 75			* * * * * * * * * * * * * * * * * * *
ž Ž			SREF = LREF = BREF = SCALE =
DAT			SAE BRE SCA

91.200 11.990

PTOTL BETA CBETA

(ATU193) ( 03 OCT 74 )

PAGE 413

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	2	3	5	G	Շ	Z C	ಕ	DLTALF	OLTBTA	×
9.694	-99.975	.11286	.03475	.02816	04097	.00131	00005	5.08500	08597	300,05000
.671	.874	.11620	.03700	.02668	01779	.00241	00004	5.97819	19597	299.69000
066.1	99.142	70760.	.03843	.01864	03623	.00235	00003	5.12550	13523	300,20000
19.447	199.320	.97614	.03984	.01103	04225	.00327	00003	5.10530	10949	300,02000
19.796	399.779	.98278	.02986	.01558	05991	~.01067	00004	5.11959	11794	299.92000
		RUN NO. 5	571/ D RN/L	5.96						
<b>&gt;</b> -	2	3	5	C	Շ	Š	ಕ	CLTALF	CLTBTA	×
009.661	-199.129	.19623	.04184	.03156	03028	.00367	00004	5.13470	15236	299.81000
100.190	.283	.09711	.94123	.02895	03834	.00815	-,00004	5.10100	12391	299.77000
096,001	99.819	27590.	.03612	26910.	04540	.09487	00003	5.11969	13677	300.03000
199.889	199.720	.07302	.03987	.01177	96575	00157	00003	5.09220	11923	300.12000
199.750	400.239	71060.	90620	.91637	-, 96732	01047	00004	5.10370	11323	299.85000
>	^	3	đ	<b>3</b>	ځ	Š	ē	7 14 7	C: TB TA	×
66.7	-100.160	51997	.93173	02088	05582	90369	-,00003	5,13459	14328	300,09000
199.320	1.992	.09169	.03080	.01711	05726	00564	00003	5.03710	06880	
196.700	102.090	.58734	.92804	.61255	97936	00893	-, 00004	5.02290	00315	
200.349	196.720	.08659	.02914	.01557	-,97677	00789	- 00004	5.16930	11785	300.12000
99.865	396.399	62665.	.02861	.01519	97218	01090	-,00004	5.12880	06743	300.0900
		RUN NO. 5	569/ D RN/L	r = 5.96						
<b>&gt;</b>	~	3	3	Ě	გ	Š	ਵੱ	<b>OLTALF</b>	OL TB TA	×
0.900	-100.360	49860.	.02826	.01599	07396	-,00002	00094	5.12190	13092	300.04000
499.839	283	.19168	.02774	.01469	07236	00931	-,00004	5.12169	11582	350.05959
401.650	99.558	.19430	.02769	.01375	97319	99826	00004	5.12020	12267	399,14990
009.601	199.730	16591	.02748	.01282	97449	00902	00004	5.09600	09645	300.05000
0.0										

ORIGINAL PAGE IS OF POOR QUALITY

## AEDC/VAS28 (IA87) -OIETISI-R/H SRB SEPAR.FROM OVET

(ATU194) ( 03 OCT 74 ) PARAMETRIC DATA REFERENCE DATA

мАСН = 4.320 PTOTL = 91.200 ALPMA = 10.200 BETA = 11.009 DALPMA = 5.100 CBETA = .000 X = .000	CY CYN CBL DLTALF DLT8TA X .00166 .0047000705 5.1345017479 .26219 .101591 .0118200204 5.1231014194 .33017	.0105600003 5.0734008250 .0015600002 5.0896013622 0113800004 5.1102007980	CY CYN CBL DLTALF DLTBTA X -,02064 -,00599 -,00003 5,13020 -,11784 ,40301 -,03465 -,00056 -,00003 5,13670 -,13287 ,54325 -,04464 -,00349 -,00003 5,10840 -,11768 ,54962 -,07015 -,00649 -,00004 5,09730 -,11481 ,43960 -,070759 -,01080 -,00004 5,08180 -,10772 ,38132	CY CYN CBL DLTALF DLTBTA X050530122000003 5.1889015764 .8255505320107200004 5.0928016017 .50723073000096800004 5.0574017141 .70662075600095700004 5.0689017141 .70662071810099100004 5.0912010930 .49970	CY CYN CBL DLTALF DLTBTA X 073010094900004 5.1591003424 .30997 073370093000004 5.1025011612 .22788 073960090700004 5.1137013008 .30400
. xs . xs . xs . xs	5.97 H 33872 	.01639 .01659 .01615	CLM CY	= 5.97 CLM -01249 -01155 -01362 -01637	= 5.96 CLM .01436 .01363
1258.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	573/ D RN/L = CA CA CA CA CA CA CA CA CA CA CA CA CA	.04093 .04052 .03371 .02960 5747 0 RN/L	CA .03478 .03248 .02950 .02932	575/ G RN/L CA .02959 .02777 .02808 .02879	576/ D RN/L CA .02765 .02766 .02748
XIMRP II	RUN NO. 5 CN .12695		CN .11647 .11131 .09397 .07406	CN ND. 5 CN 10964 9199 9199	RUN NO. 5 CN .19426 .19492 .19492
2690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES	2 -99,797	.057 199.310 199.350	2 -99.999 789 99.536 199.550 399.760	2 -101-870 -172 -176-90 -176-9	2 -109.580 079
SREF = 2690.0 LREF = 1290.3 BREF = 1290.3 SCALE = .0	7 19.521	10.927 9.795 11.369 9.911	y 99.624 100.170 105.680 101.080 109.860	7 0-20 - 202 0-20 - 202 0-20 - 203 0-20 - 203 0-20 - 203 0-20 - 203	y 397.060 400.250

1A87 TABULATED SOURCE DATA

91.200 11.000 900 PAGE 415 ( 03 OCT 74 -.19096 -.27397 .00258 -.01724 .07240 -.12234 37916 .28238 PTOTL BETA CBETA PARAMETRIC DATA 0.181A -.07645 -.13045 -.12017 CLTBTA -.13939 -.10321 -.14619 0LTBTA -.19634 -.06732 -.01068 CLTBTA -.12270 -.07514 -.08980 (ATU195) 4.520 10.200 -4.900 DLTALF -4.89200 -4.90000 -4.91400 BLTALF -4.90170 -4.90850 -4.94050 CLTALF -4.86560 -4.95710 -4.99910 CLTALF -4.86280 -4.95380 -4.95320 MACH = ALPHA = DALPHA = X CBL -.00001 -.00001 -.00002 C&L -.00000 -.00001 -.00002 GBL --.99902 --.99903 -.00001 -.00001 AEDC/VAS28 (1A87) -OLETIS1-R/H SRB SEPAR, FROM O/ET CYN .00991 .00537 -.01123 CYN -.00491 -.00941 -.01606 -.01585 -.01596 -.01639 CYN -.01256 -.01254 -.01025 -.01656 -.01698 -.02814 CY -.05497 -.05646 -.06102 CY -.01223 -.01479 CY -.02029 -.02827 -.04356 RN/L = 5.98 RN7 = 5.98 RNL = 5.97 RML = 5.97 .01163 .01420 .01420 .00944 .00685 CLM .00753 .00686 .00503 CLM .91361 .00892 .00628 .95447 = 1258.5000 IN. XS = .0000 IN. YS = 400.0000 IN. ZS .03433 CA .03132 .02940 .02937 .02652 .02589 CA .02377 .02409 .02297 .02699 RUN NO. 578/ D RUN NO. 585/ 5 RUN NO. 579/ 0 RUN NO. 577/ 0 CA -00029 .00031 .01249 .02652 .02777 .03053 .02031 -.00029 .93355 -.00221 .01097 7 MAY 7 3 REFERENCE DATA 1290.3000 INCHES 1290.3000 INCHES .0100 2690.0000 Se.FT. 2 99.514 199.550 399.920 199.169 200.550 399.880 2 99.575 199.145 399.660 2 100.030 199.920 DATE 20 MAY 75 400.910 399.960 399.960 \$.433 100.220 196.190 19.742 203.719 101.969 LAEF = BREF = SCALE =

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**对**数据产**有**不是一点。

(ATU196) ( 03 OCT 74 )

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	REFERENCE DAT. 0.0000 94.FT. 0.3000 INCHES 0.3000 INCHES 0.3000 INCHES 2 100.180 199.440 400.510 400.510 8 2 2 2 99.764 199.690 396.990		11 11 11	581/ 0	5		.01156 .02678	0 /299	5	121			583/ 0	457		

CLT8TA X -.11878 299.77000 -.14795 299.89000 -.14951 300.03000

0.TALF -4.99459 -4.93589 -4.94159

-.00002 -.00002 -.00002

-.01565 -.01273 -.01045

CY -.04600 -.05410 -.05989

CLM .00980 .00720 .00519

CA .02614 .02420 .02292

Cia .02097 .02654 .03018

2 99.950 200.480 400.180

490.490 490.599 490.979

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PAGE 417	( 03 OCT 74 )		11.000 11.000 -4.100		Š	e fi	797	.01441			.03286	561	238	365	3.401			ĩ	.37723	.34331	.67428	1973
Ž	03		D 11 M		x 10329	1448)	02797	ę.		×	G	15561	. 32290	21365	'n		×		ÿ	ž	ě	ż
		PARAMETRIC DATA	PTOTL BETA DBETA		0LTBTA	-4.15679	-4.10790	-4.10560		OLTBTA	-4.14100	-4.12885	-4,04410	-4.053.99	-4.097.00		CLTB TA	-4.96110	-4.10779	-4.12540	-4.13250	-4.09010
	(ATU197)	HETA!	4.520 10.200 .100		ਰ ;	7 7	7	7		ದ	7	7	7	7	7		ಶ	7	7	7	7	7
		PARA			DLTALF .11701	13399	19467	.05855		OLTALF	.13177	.12001	001526	96660.	.08419		CLTALF	36560.	.13334	.11139	1886	0 <b>296</b> 01
	* Over		MACH ALPHA DALPHA X		CBL -, 90002	-, 20004	-,00001	000R		ਵੱ	-,00001	0000	.00001	00001	00002		ಕ	0000	-,00002	0000	0000 <b>2</b>	-,00002
DURCE DATA	AEDC/VASZB (TABT) -OLETISI-R/H SRB SEPAR.FROM OVET				CYN 00364	.01305	-,00098	00687		£	01161	00403	-,00661	00733	00052		£	01030	00681	00588	09620	00636
1487 TABULATED SOURCE DATA	T151-R/H St				CY .01292	.00309	. 00918	02461		გ	20164	01531	-,01439	02297	03174		Շ	-, 02838	03610	03878	-,03665	03618
1 187 1	(1487) -01E		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	. s.97	CLM	172079	.01034	.01546	. s 5.97	Ē	.91440	.91602	.01048	19210	.01536	5.97	ð	.01305	607 (0.	722.0	18210	47600
	AEDC/VASE		1256.5000 IN. .0000 IN. 400.0000 IN.	5877 D RN/L =	2	.03238	.02796	.02718	5667 D RN/L	5	98620	.02969	.02630	.02504	.02573	585/ E REAL	5	.02511	72.60	37.60	221.00	.02203
		47	# # # # # # # # # # # # # # # #	RUN NO. 58	3	.06573	.06363	.03161	RUN NO. 58	đ	.06072	11850.	.04925	.03438	.04297	REN 10. 51	ð	A. 520.	78086	90000	\$955D.	.05921
		REFERENCE DATA	2000.0000 90.FT. 1250.3000 INCHES 1250.3000 INCHES .0100		~ 3	-244	69.06	400.700		^	0.20	132	105.750	200.300	399.610		•	***				399.630
DATE ED MAY 75		ľ	0.0 <del>00</del> 1 = 0.0001 = 0		<b>-</b>	100.380	190.960	150.655		•	- 6	200.040	080.001	190.620	200.250		•	5		, 100 see	490.700	400.240
DATE			DWG NGC NGC																			

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~	HEFERENCE	DATA								PA	PARAMETRIC DATA	ATA	
0621	2690.0000 96.FT. 1290.3000 INCHES 1290.3000 INCHES	N N N N N N N N N N N N N N N N N N N		400.	1258.5000 TN. .0000 TN. 400.0000 TN.	2			HACH ALPHA DALPHA X	10 H H H	4.520 P 10.200 B .105 DI	PTOTL = BETA = CBETA =	91.200 11.000 -4.100
		NO.		586/ 0	RN/L =	8.5							
	~	3		5		<b>1</b>	Շ	Š	ಕ	DLTALF	OLTBTA	×	
120.970	-96.921	.06405		50.	71550.	19610.	100634	29600	200000-	.04964	-4.18635	DOI:91.695 D	500
080.10	311	.05899	_	Ü.	.03670	.01954	00584	.01582	00003	.11687	-4.13649	n 299,98000	0000
00.840	99.648	71670.		£0.	.03618	.01480	00500	.01604	-,00003	.11618	-4.13380	0 300,10000	CCCC
00.710	199.290	.04902		20.	.02925	.00\$29	00749	.00547	00001	.11990	-4,11599	00050.000 0	COO
199.490	399.830	.02611	_	23.	19150	.01499	:2362	00826	100001	.10208	-4.11690	M 299.73000	0000
		AGN NO.	ē	2897 0	RRVL "	. 5.97							
>	~	ð		5		S.	ځ	Š	ĕ	CLTALF	OL TB TA	×	
060.10	-100.690	.0654		S.	.02773	.01213	.00868	00342	-,00002	.13457	-4.12679	9 390,02000	000
28.490	-1.436	.05539	•	50.	.02855	.61317	00602	~.00076	-,00001	.13913	-4.15260	0 390.16990	563
090.10	99.843	.94411		2	.02876	.61352	91838	00005	-,00001	.11338	-4.12755	G 299.93000	000
200.390	199.639	79880.		20.	.02577	.51132	01965	00613	00001	.£9527	-4.11259	0 356,00000	900
24.740	396.290	.04059	_	50.	52614	.51558	03151	00834	-,00002	.14971	-4.58685	0 299.94000	900

0,181A X -4,11430 299-83000 -4,14280 300,13000 -4,114460 300,03000 -4,11430 300,03000

CLTALF .09495 .17463 .09459 .07712

.00002 ..00002 ..00002 ..00003

CYN
-.01253
-.00686
-.00698
-.00616

CY -.02020 -.03137 -.03675 -.03878

CCM -01974 -01610 -01516 -01285

CA .02651 .02542 .02390 .02408

CN .05321 .04390 .04702 .55216 .75804

2 -196.919

-1.454 99.900 270.250 400.080

400.570 401.430 405.570 406.670

RUN NO. 5907 0 RN/L = 5.97

CATE PO MAY 75	•			TA87	TABY TABULATED SOURCE CATA	DURCE CATA				PAGE 419
			AEDC/VA52	6 (1487) -OI	T151-R/H S	AEDC/VASZB (TABT) -OLETISI-R/H SRB SEPAR.FROM OVET	OH OVET		(ATU199)	( 93 OCT 74 )
	REFERENCE DATA	174						PAR	PARAMETRIC DATA	4
BAEF : 2890. BAEF : 1290.	2840.0000 80.FT. 1240.3000 1MCMS 1240.3000 1MCMS .0100	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1258.5000 IN. .0000 IN. 495.9090 IN.	IN. XS IN. YS IN. ZS			MACH ALPHA DALPHA X	- 5 - 1	4.520 PTOT. 10.200 BETA 5.100 CBETA 300.000	7T. = 91.209 A = 11.000 TA = -4.100
		7GN NO. 9	5937 0 RM/L	L = 5.97						
•	~	3	5	ð	5	Š	ಕ	DLTALF	CLTBTA	×
109.950	-100.130	.11877	.03663	90080	01099	.01590	90000	5.14340	-4.16230	299.95000
199.760	233.	62101.	.04036	.02843	76600.	01350	10000	5.11080	-4.13310	299.87000
191.070		7771	A1180.	2010.	-,02296	92800	.00003	5.09090	-4.12990	300.03000
100.590	400.540	.07923	.02793	.01761	04518	00516	-,99904	5.08745	-4.12290	299.86000
		RUN NO. 9	592/ 0 RN/L	L = 5.98						
<b>&gt;</b>	~	3	3	ð	Շ	٤	ĕ	CLTALF	CLTBTA	×
m.185	-100.420	97011.	90100	.019A4	01513	20206	-,00003	5.14370	-4.17010	300.03000
136.790	698.	.09492	.03125	.02153	00562	00313	0000	5.12729	-4.01700	299.77000
619.003	99.660	.09212	.52798	.51320	2791	- 35419	99993	5.10800	-4.11495	390.03900
197.663	200.449	.06153	. 52732	.01446	04469	50571	-,00004	5.11269	-4.02759	299,78005
619.602	397.520	.59025	.02743	.01703	54457	90553	00064	5.17640	-4.11229	390.17990
		RUN NO. 5	5917 S RWL	L = 5.97						
۰	~	3	5	5	გ	٤	ಕ	CLTALF	CL TBTA	×
409.290	-100.110	08260.	.02738	70910	94612	00525		5.19090	-4.08469	299.96000
499.340	762'-	.09289	.02636	01640	04860	00392	-, 00004	5.11400	-4.11580	299.91000
401.050	73.631	96560.	.02643	.01539	04702	00433	-,00004	5.19759	-4.13819	300.05000
425.550	139.490	.09795	.02657	.01476	04521	00549	-,00004	5.13100	-4.59777	300.05000
400.060	399.940	.19144	.02588	16216	04448	00559	M0000:-	5.09650	-4.11320	299.99000

ORIGINAL PAGE B

PAGE 429

(ATU200) ( 03 OCT 74 ) AEDC/YASZBITAB?) -OLETISI-R/H SRB SEPAR.FROM OVET

	REFERENCE CATA	44						P.A.	PARAMETRIC DATA	
SAEF = 2690. LAEF = 1290. BAEF = 1290. SCALE =	2690.0050 80.FT. 1290.3000 INCHES 1290.3000 INCHES	MARP :: Zierp ::	1258.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	N. XS N. XS X. XS			MACH ALPHA CALPHU X	0 H H H H	4.526 FTOTL 10.209 BETA 5.109 DBETA .909	L = 91.299 = 11.000 A = -4.199
	_	RUN NO. 59	594/ D RM/	RN/L = 5.97						
-	~	3	5	3	Շ	ξ	é	DLTALF	CL.TBTA	×
1001	-100.620	2017	.03419	.03028	02130	40400	-,00004	5.14350	-4.03710	. \$6729
190.519	656	.11537	.03269	18090	71910.	.00756	00003	5.13149	-4.13569	.51798
199.000	99.468	.09526	.02993	.91473	90278	.00214	00002	5.10360	-4.99300	. +9482
120.630	199.419	.97468	.02823	.91155	03306	00257	00003	5.09740	-4.09469	.46984
100.990	399.645	60295	.62798	61810.	04248	06592	+00000*-	5.08145	-4,10550	.47578
,		RUN 160. 55	5957 S RM/L	76.5 = J	8	ŧ	Ē	2	Ě	<b>3</b> -1
5	100	10770	12170	A1910	1000	- 00066	COUNTY -	5.14330	-4.154.00	.37574
200.002	200	19425	.02852	57810.	91646	00643	00002	5.11990	-4.13620	\$066E.
271.050	199.629	.nese3	.02746	.01238	72937		-, 50,002	5.04660	-4.11229	. 55468
200.170	200,479	.08276	.02723	.01619	04790	-,00509	-,00004	5.04390	-4,14435	.46277
233.623	399.520	07160.	.02724	.01631	54432	-,50574	P00001-	5.04165	-4.09730	. 53559
	•	RUN NO. 54	596/ 0 RM/L	L 5.97						
<b>&gt;</b>	~	3	3	¥,	Շ	æ	ਵ	CLTALF	CL TB TA	*
396.140	-97.939	.09400	.02661	.01616	04455	90561	00004	5.05300	-4.02839	36735
470.660	156	79965	.02633	.01503	-,94619	95475	<b>+0000</b>	5.09520	-4.12850	.41155
420.220	33.744	.99745	.02645	.61494	94585	90505	00004	5.11560	-4.11590	.28022
400.390	199.765	\$6360.	.02638	.91456	94452	00605	00004	5.11969	-4.11299	.41239
490.298	399.930	36101.	0.02590	.91286	04451	00563	00004	5.09470	-4.10890	.28355

DATE PO MAY 75				1487 T	IAST TABULATED SOURCE BATA	SURCE DATA				PAGE 421
			AEDC/VASE	(1487) -OIE	T151-R/H S	AEDC/VASZBIJAB7) -OIETISI-R/H SRB SEPAR.FROH OVET	¥ 0.61		(ATURO1)	( 03 OCT 74 )
	REFERENCE DATA	4						PAR	PARAMETRIC DATA	_
SAEF = 2690.0005 LREF = 1290.3000 BAEF = 120.3000	2690.0003 36.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	7 T T T T T T T T T T T T T T T T T T T	1256.5000 IN. .0000 IN. 400.0000 IN.	8			MACH ALPHA CALPHA	H H H H	4.520 PTOTL 10.200 BETA -4.900 CBETA .000	1, = 91.200 1 = 11.000 1A = -4.100
		Ž .	5997 G RNAL	z 5.97						
>	~	3	5	G.	Շ	ŧ	ಕ	<b>QLTALF</b>	OL 18 1A	×
100.820	100.119	98810. 07883	2863G.	.01036 80806	00702	2010. 2000.	10000-	2.93030 2.91070	-4.13500	.09635
100.649	399.739	61100	.72659	76700.	00727	00884	10000	-4.91460	-4.151.85	15589
		7CN 10. 5	5967 D REVL	. 5.97						
•	~	3	3	5	b	Ē	ಕ	<b>QLTALF</b>	CL TB TA	×
200.440	\$3.911	20200	77080.	.01478	.00726	00600'-	10000	-4.89530	-4.11629	07121
139.600	201.440	.00434	CGeZO.	.01031	X100.	00682	00000	-4.97490	-4.09690	.00367
200.170	399.930	71900	.02654	25010.	00986	01343	100001-	-4.91450	-4.10459	11335
		RGN NO. 5	597/ G REVL	. 5.97						
•	^	3	3	T T	č	Ē	ŧ	CL TALF	CL TB TA	×
390.500	\$0.103	.91346	.02496	71210.	01696	01364	10000	-4.84420	-4.05700	26259
400.500	199.390	11030	.02362	07900	:2422	-,01049		-4.88669	-4,09830	14761
300.710	340.660	.0236	672201	96900	02958	O.)894	-,0000	4.90119	-4.07260	00659
			AEDC/VAS28	(1487, -OE	T151-EM S	AEDC/VASZB(1AB7, -OLETIS1-R/M SAB SEFAR,FROM O/ET	¥ 0⁄€1		(ATLE:12)	( 00 OCT 74 )
	NOTERBACE DATA	7						PAR	PARAMETRIC CATA	
SAE7 : 2690.0000	9900 S4.FT.	e de c	.N1 CCC6.8221				NO.			
1467 : 1290.3000 1467 : 1290.3000 244.8 : 0.100	.3000 INCHES .3000 INCHES .0100	¥ ¥	.0000 IN.	5 K			A SON		10.200 BETA -4.900 CBETA 300.000	A = -4.100
	•		650/ 0 RN/L =	z 5.97						
٠	~	3	3	E E	č	ž	đ	CLTALF	CL TB TA	•
101.049	178.260	06900	12750	.00645	90640	.01539	00000	-4.96550		306 9+500
170.690	190.070	-, 9984	21260.	27200.	00eTd	\$1210.	1000	06106.7		300,146,03
194.66	400.000	29166	<b>1</b>	266(2):	12900	000		1.90%	1902 T	CAR. 04.55.52

6LTBTA X -4.12620 300.07000 -4.10670 299.95000 -4.11116 376.02000

CLTALF -4.96290 -4.90890

CBt .00000 .00001 \*,00001

CYN -.90**663** -.95**621** -.91319

CY .01195 .00065 -.00773

.51728

C4 .92027 .93913 .52678

45 --, 095 --, 065 --, 065

2 179.719 199.919 399.959

201.270 200.570 201.430

RUN NO. 601/ 9

KHE

91.200

PTOTL = BETA = COSTA =

4.520 10.200 -4.900 \$00.000

MACH ALPHA II CALPHA II

PARAMETRIC CATA

(ATUEOE) ( 03 OCT 74 ) AEDC/VAS28 (1487) -O1E1131-R/H SIB SEPAR.FROM OVET

#### METERENCE CATA

##EF = 2000.0000 \$0.FT, NOWF = 1250.5000 lw, xs LREF = 1250.3000 lkCkEs YMMF = .0000 lw, Ys 8MEF = 1250.3000 lkCkEs ZMMF = 400.0000 lw, Zs 8CALE = .0100

#### RUN NO. 602/ 0 RN/L = 5.97

DLTBTA X -4.11690 299.83000 -4.15590 299.94000 -4.18120 300.03000 0,1A,F -4.90360 -4.6610 -4.9610 .00001 -.00001 -.0000 -.01743 -.01391 -.00944 C4 -.00541 -.01569 -.02744 .01223 .01300 .00757 287. .02544 .02790 CM .01030 .0100 18.870 400.660 + 00.640 +00.60 400.030

# AEDC/VASSBITABT) -QEETISI-R/M SMB SEPARI-PROM OVET (ATURES) ( 03 CCT 74 )

#### **REPENCE DATA**

ZETA TOT BETA 10.200 10.200 100 100 100 MACH E ALPHA E CALPHA E # 1256.9000 IN. XS # .0000 IN. YS # 490.0000 IN. ZS 

91.200

PARAMETRIC DATA

-6.100

#### RUN NO. 604/ 0 PM/L = 5.97

•	~	5	5	3	Ն	£	ŧ	DITALF	OL.181A	×
PO1 .020	-100.120	<b>2309</b> 0.	.02733	19916.	.03362	00045	~,00002	12501	-6.14219	06439
200.720	070	.06737	15920.	161G.	07910	10700.	+0000G	12503	-8.13940	2000
200.003	****	\$1070.	.02563	07700.	16244	900G	00m	11003	-8.13500	00121
009.0CE	199.730	61180.	.22671	.00053	.01401	00431	-,90002	2666(:	-8.11500	12140
540°	399.060	.93544	.02561	.01631	24010*-	03356	00002	.06394		24620
		₹ .0	6037.0 RN	RNL = 5.97						
>		3	ತ	ğ	ç	Š	ే	CLTALF	St 18 14	×
400.610		16950.	.02748	96010	12820.	01621	92002	.10661	-8.12110	96559
400,349		00150	.02576	.01276	.007339	00731		.15705	-8.19139	13555
400.000		.0550	.02325	.00965	-, 50542	90573	00002	.06665	-6.59219	15349
491.169	24. <b>6</b> 73	\$00\$0.	.02343	65210	91127	90397	00002	.09652	-6.12260	95341
31.035		.05246	.02205	.91164	91430	95319	emi.	10101	-A 07945	14514

DATE 20 MAY 75				1 VOV	IABY TABULATED SOURCE DATA	OUNCE DATA				PAGE 423
			ALDC/VASE	(1487) -O1	T155-R/H S	ALDC/VASEB (TABT) -OIETISI-R/M SRB PTPAR, FROM OVET	9 VE1		(ATURO4)	( 03 OCT 74 1
	WPERENCE DATA	2						2	PARAMETRIC DATA	2
• •							107		4.580 PTOT. 10.800 BETA	PTOTL = 91.E00 BETA = 11.000
K4.	1840-1000 INCHES	·	400.000 IN.	<b>5</b>			×	n ee		
			805/ 0 RM/L =	* .						
٠	~	3	5	3	દ	Ē	ಕ	OLTA!	DLTB TA	×
806.130	-100.270	.08413	82120.	927 IC:	500.	00000	0000	90251	-6.15960	300.24000
£35.440	261	50690.	9950.	.01230	.00657	.01459	,0000.	13217	-8.14880	299. MOZO
100.790	33.07	.05514	65930	C2X 10.	.01654	01920	50000	70700	201.0-	200 - SEOUT
P.D. 750	<b>33</b> . <b>25</b>	99380	.02577	.01631	12010	1900	10000	10042	-8.19610	299.66000
	_	PLM NO.	6067 0 RML	z 5.97						
•	~	3	3	<b>1</b>	5	ž	é	CLTALF	Q. 78 TA	*
011,104	-100.160	38230	10000	419(d).	96180	01541	0000	1961	-6.11579	300.0200
400.500	14	00000	27.20	12210.	2010.	01026	100000	10046	-6.11999	390,99990
4(70, 360	23.647	.04676	01920	.91374	PM13	00567	10000	10272	-8.11179	299.97000
491.119	200.113	\$1650.	.02347	17210	19600	00425	-,0000R	92990	-A.13320	299.99000
400.740	28.82	.05137	102304	<b>3216</b> .	51444	GE75	-,0000	Geent	-ñ.14369	300.06000
			AEDC/VASE	([ABT) -OLE	7151-R74 SE	AEDC/VASZB (1A87) -O!ET1S1-R/H SAB SEFAR,FROM OVET	¥ QE1		(417,205)	( 93 OCT 74 )
	METERBACE DATA	4						PAA	PARMETRIC DATA	4
. 2692 a 2005	2660.0000 56.FT.	1	1256.5000 IN.	X			Š	"	4.520 FTOR	002.16 ≈ Ji
•		1	.NI 0000.				A PAR	"		
	1290,3000 INCHES	H #3962	499,9900 IN.	£ :			CALPYA ×	 	5.100 CBETA 300.000	78 = -0.105
		2	1/N# 0 /809	3.86						
•		3	3	3	b	Ē	ರ	Q.TALF	CL TB TA	×
201.500	-100.590	116	\$1080.	60220	95010.	.01345	000	5.17000	-6.20150	300.05000
249.673	247	19801	68620.	76090	.03340	.00630	000·-	3.12390	-6.14340	299.93000
200.129	335.06	20966.	.02647	.61400	.51910	\$1000.	00002	5.11660	5211. 1-	300,50000
F37.58	199.619	.0665A	.02764	03810	2018	0025		5.10550	-6.1.670	300,04000
14.349	397.790	. 74673	.02627	S <b>99</b> 10.	0250	SMAX.	- (0000)	3.17639	- <b>1</b>	299. SRIP 63

ORIGINAL PAGE IS .

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H 150

## AEDC/VA528 (1A87) -OLETISI-R/H SRB SEPAR.FROM OVET

(ATU205) ( 03 OCT 74 )

PARAMETRIC DATA

REFERENCE DATA

91.200 11.000 -6.100	
5	X 300,00000 299,98000 300,12000 300,11000
	× 200 × 200
FTOTL BETA CBETA	0LTBTA -8.10620 -8.07070 -8.09250 -8.13350
4.528 19.288 5.198 309.080	9 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9
1 1 30	0LTALF 5.10320 5.09190 5.09700 5.12960
MACH ALPHA DALPHA X	<b>ី</b> មា មេ មេ មេ ម
¥ 4 g ×	CBL 00003 00003 00004 00004 00004
	CYN -,00546 -,05476 -,09189 -,09046
	C7 00368 01052 01997 02174
888	RN/L = 5.97 CLM .01311 .01503 .01503 .01503
żżż	B
200	E 7 7 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
1258.5000 IN. X .0000 IN. Y 400.0000 IN. Z	0 CA CA .02873 .02747 .02577 .02590
123	CA CA CA CA CA CA CA CA CA CA CA CA CA C
XHRP YHRP ZHRP	RUN NO. CN .09951 .09564 .09415
SQ.FT. INCHES INCHES	23 23 45 60 60
8 8 8 8 8 8 8	7 -100.420 033 99.770 199.640 399.900
2699.0000 1290.3000 1290.3000	•
269. 129. 129.	7 400.900 400.470 400.440 401.630
11 11 11 11	+ 69 + 69 + 69 + 69 + 69 + 69 + 69 + 69
SAEF = 2 LREF = 1 BREF = 5 SCALE =	

#### 0.11814 X -8.10629 300.0000 -8.07070 299.96000 -8.09230 299 86070 -8.113350 350.12020 0LTALF 5.10320 5.09190 5.09700 5.12960 5.09710 CBL -.00003 -.00004 -.00004 -.00004 CYN -,00546 -,00476 -,00189 -,00046 CY -.00368 -.01997 -.02174 -.01757 CLM .01311 .01351 .01488 .01503 CA .02873 .02747 .02577 .02590 CN .09951 .09664 .09353 .09415

#### ( 113 OCT 74 ) (ATURE) AEDC/VAS28 (1A87) -O1ET1S1-R/H SRB SEFAR.FROM O/ET

FARAMETRIC DATA	MACH = 4.520 FTOTL = 91.200 ALPHA = 10.200 BETA = 11.000 DALPHA = 5.100 DETA = -8.100 X = .000
	XMRP = 1256.5000 IN. XS XMRP = .0000 IN. YS ZMRP = 400.0000 IN. ZS
	1259
<b>*</b>	
REFERENCE DATA	2690,0000 SQ.FT. 1290,3000 INCHES 1290,3000 INCHES

SREF = 2690.	2690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP = ZMRP = ZMRP =	1256.5000 IN. .0000 IN. 400.0000 IN.	0 IN. XS 0 IN. YS 0 IN. ZS			MACH ALPHA CALPHA ×		4.520 FTOTL	ig <b>₹</b> ;	91.209 11.000 -6.100
200.990 200.780 200.760 200.760 200.560	2 -199.240 -456 99.644 291.030	CN	922 963 708 628	, 720 200 200 200 200 200 200 200 200 200	CY .03301 .03554 .01499 02651	CYN .00222 00214 00344 05008	CBL 00004 00002 00002 00003 00003	DLTALF 5.13840 5.13960 5.11210 5.01300 5.03360	0LTBTA -8.16170 -8.15320 -8.12510 -8.10870		49179 49179 45188 44755 47541
400-600 400-270 400-960 400-390 399-590	2 -100.420 -181 055.99 059.868	CN .10195 .09764 .09342 .09455	CA .02771 .02531 .02584 .02564	CLM .01184 .01281 .01545 .01516	CY -,00469 -,01059 -,01988 -,02118	CYN 00606 00127 00127 0038	CBL	5.11790 5.11790 5.11980 5.15410 5.11330	6.13269 -8.12369 -8.18919 -8.13299		x .57360 .43330 .43407 .28612

1.

CATE 20 MAY 75	75			1A87 T	1A87 TABULATED SOURCE DATA	OURCE DATA				PAGE 425
			AEDC/VAS28 (1A87) -O1E11S1-R/H SRB SEPAR.FROM OVET	II 487; -01E	T151-R/H SI	B SEPAR.FR	OM OVET		(ATU207)	( 03 OCT 74 )
	REFERENCE DATA	≤						PAR	PARAMETRIC DATA	
SREF = 269 LREF = 129 BREF = 129 SCALE =	2690.0000 56.FT. 1290.3000 INCHES 1290.3000 INCHES .0190	# # # # # # # # # # # # # # # # # # #	1258.5900 IN. .0000 IN. 409.0000 IN.	%			MACH ALPHA SALPHU X	B H H H	4.520 PTOTL 10.200 BETA -4.900 CBETA .000	L = 91.200 = 11.000 A = -8.100
	-	RUN NO. 6	612/ D RN/L	5.97						
Y 199.850		CN .00953	CA .02630	CLM .01224	CY .01243	CYN .DDCS4	CBL 00000	CLTALF -4.88730	DLTETA -8.11320	x 31315
197.610	399.890	.00150	.02558	.00524	.01304	.00465	.00002	-5.00510 -4.91260	-7.99790 -8.10660	-,29660
	-	AUN NO. 6	6117 0 RN/L	z 5.97						
<b>&gt;</b>	2	3	<b>5</b>	E.	Շ	Š	ਵੱ	CLTALF	CLTBTA	×
400.630		.00236	.03061	.01568	.02864	01796	10000	-4.89900	-8.11680	13111
491.069	399.850	.01803	.02314	01006	00195	00740	-,00001	-4.91050	-8.08200	01378
			AEDC/VA528	(1A87) -01E	TISI-R/H SI	AEDC/VA528(1A87)-O1ET1S1-R/H SRB SEFAR.FROM O/ET	S OVET		(AT: 208)	( 03 OCT 74 )
	REFERENCE DATA	2						PAR	PARAMETRIC DATA	
59Z = 295	2690.0000 SQ.FT.	# diswix	1258.5000 IN.	sx .			¥O¥	11		"
LREF = 129 BREF = 129	1290.3000 INCHES 1290.3000 INCHES	THEFF II	.0000 IN.	χ. χ.			ALPHA	11 11	10.200 BETA -4.900 DBETA	= 11.000 A = -8.100
II N	_	•					×	)OE = X	300.000	
	-	RUN NO. 6	613/ D RN/L	5.98						
>		3	5	<b>T</b>	ሪ	S	Ð	DLTALF		×
201.540 206.750 201.700	99.265 199.910 399.890	.01551	.02573 .02738 .02596	.90744 .90717 .90734	.00483 .01471	.00964 .00986 .00704	-,00001	-4.87670 -4.89780 -4.91890	-8.13460 -8.11960 -8.13850	299.99000 299.94000 300.24000
		RUN NO. 6	614/ D RN/L	5.97						
<b>&gt;</b>		3	ಕ	CLM	č	Š	<sub>ව</sub>	OLTALF		×
400.870		.01121	.02816	.05914	.03474	01772	00001	-4.90239 -4.90779		300.02000 299.83005
400.470	399.780	.91289	.02354	22010	59197	00777	-,00001	-4.95719	-8.19749	299.91000

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PACE 426

(ATU209) ( 03 OCT 74 )

	91.290
Y I Y	PTOTL = BETA = CBETA =
PARAMETRIC DATA	4.520 PI 10.200 BI 100 DI .000
_	MACH = ALPHA = CALPHA = X
	: 1256.5000 IN. XS : .0000 IN. YS : .400.0000 IN. ZS
<u> </u>	XIARP YARP ZYRRP
REFERENCE DATA	Se.FT. INCHES INCHES
REFER	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100

40FF = 2690.	SESO, MIND SO.FT.	H GRACK	1258.5000 IN.	ı. xs			¥Ö	**	4.529 PTOTL	91.290
	1290.3000 INCHES	11 11	.0000 IN. YS				ALPHA	61 # " !		ıı H
ı ıı	.0100						×		300.	
		RUN NO. 61	616/ D RN/L	. = 5.97						
1	•	ą	5	¥	Շ	S	æ	DLTALF	CLTBTA	×
- 200	7	90220	.02578	.01186	07619	01308	-,00004	.11380	-,15689	00795
036.186-	- 561	22170.	.02473	.91118	-,07999	01446	-,00004	.11690	13911	13901
196. 96E	990.066	.07134	.02478	.01031	98239	01494	-,00004	.13161	07344	.18126
-398.419	199.830	50690	.02527	1987	98644	-,91241	-,00003	.10032	121 54	128821
-399.160	399.550	.06469	.02666	.00814	08478	00514	00003	.09556	100	. 63533
		RUN NO. 61	618/ () RN/L	L = 5.98						
		į	į	2	2	ξ	ĕ	CLTALF	CL TB TA	×
<b>&gt;</b>	7	3	5	F .	,	26.4.0	- 00004	17116	.00273	28338
059' 102-	-101.290	.05968	.02981	.01754	-2002-	00107-	0000	0.07.00	11231	09240
-198.540	228	.06290	.03149	.01686	06768	00120	60000	56.00.	0000	19176
-201.539	191,199	.96551	.03022	.01287	18487	12440	- 0000	37500	FCC01 -	.n6782
-198.920	199,640	.06456	. 52639	.00805	19019	08020	#(30)(); -	616613	110047	20.20
-199.410	399.640	.05828	.02617	.00844	09126	00948	(2.2.2.4	11.646	, + Ji i C + .	
		RUN NO. 6	619/ B RN/L	L = 5.98						
1	,	ð	ć	<b>X</b>	Շ	Š	CBL	CLTALF	CLTBTA	×
- 1	7		10801	.91374	94683	01192		.09139	09943	01893
100.66-	199.95	08724	12454	.61239	03954	01261	00003	.09304	02809	01183
-100.034	25. 8	1,06223	26620	.91456	96241	01931	00004	.97635	95597	.17513
19.26-	199.935	.05873	.03362	81600.	99798	02454	-,00005	.08546	11858	22482
-100.000	450,765	.05209	.52619	.99773	59366	01221	00004	.06405	04855	. 59 <b>289</b>
		AUN NO. 6	6207 0 RN/L	L = 6.00						
,		3	3	N.	Ն	Š	ਵੱ	CLTALF	Dt. 78 TA	×
	7	U26A4	.02044	15010.	03137	00839	-,00002	.98183	57913	11421
43.419	600.001	04699	01935	.00932	02622	00617	00002	.04754	13699	.04913
937'.	06.00	0.5800	.02346	50510.	05105	01355	00003	.04756	11921	.02491
00, 10-	900 001	.05662	.03266	.99871	59360	52266	00005	.06078	12085	.51814
-48.928	399.600	.05012	515612	60290	59381	01361	95504	.99367	09811	.31516
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PAGE 427

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### 1286.3000 IN-HES TWEP =		ארי באראיני ט	DATA						PAA	PARAMETRIC DATA	1TA	
Charle   C		3.0000 \$4.FT. 3.3000 INCHES 3.3900 INCHES .0100			IN. XS IN. YS IN. ZS			MAC ALF X			TOTL = STA = SETA =	91.209 11.000 100
CN					**	•						
100.280	<b>&gt;</b>	2	3	5	ð	Շ	Š	ಕ	OLTALF	CL TB TA	×	
107409   .02849   .01187  01809  00004   .008253  10229   .00004   .008614   .02844   .01183  00844  011805  00004   .008253  10222   .008253  008241   .008641   .008641  008241  009241	396.473	-100.300	. 97310	.02913	.01325	07394	01832	-,00005	.10155	12449	8	\$
190,280   .06618   .02744   .01163  09240  01696  00004   .04054  112125	399.720	.201	.07409	.02949	.01187	98344	-,91899	00003	.08253	10239		2 2
2 CN CA CLM CY CYN CBL CBLOGG1093600004000040970211139	399.150	199.289	.06851	.02784	.01183	09240	01696	-,00005	DA69A	12125		2 5
7 399-399	398,560	200,780	.06618	.02517	03600.	09317	01683	000t	.04054	11414		
RUM NO. 623/ D RN/L = 5.99  C CN CA CLM CY CYN CBL DLTALF DLTBTA -99.839	398.630	399.590	.06331	.02641	.00869	08748	00838	-,00004	50760.	11139		. E
Z CN CA CLM CY CYN CBL DLTALF DLTBTA  -367 .06243 .02196 .009290362700032 .0057916142  -367 .06243 .02196 .009290362700032 .0057916142  -367 .06243 .02196 .00921041960297700002 .09445109926  399.724 .06709 .02624 .01164062370121100002 .09445109926  399.724 .06709 .02624 .01164062370121100002 .09445109926  399.724 .06709 .02624 .01069094220149600002 .0944510349  -100.980 .04196 .00823094220149600002 .0944910349  -100.980 .04196 .041960419900002 .01244 .019913 .11214  Z CN CA CLM CY CYN CBL DLTALF DLTATA11690 .19993 .09536 .00319 .0036600002 .10002 .10066100002 .100002 .10066100002 .100002 .100002 .10066100002 .100002 .10066100002 .100002 .10066100002 .100002 .10066100002 .10					**	_						
-96.639 .04673 .01996 .009290362700032 .00502 .00502 .00502 .00503 .0050410507 .00502 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .0050410507 .00503 .00504 .00503 .00503 .00504 .00503 .00504 .00503 .00503 .00503 .00503 .00503 .00503 .00503 .00503 .00509 .00503 .	>	2	3	ð	Š	Շ	Š	Ē	14. F	2	,	
-367 .06243 .02168 .00951 -10196 -100077 -101002 .09928 -101929 -10192	197.170	-96.639	.94873	86610.	00000	- U1627	CTOUC			VC 10 14	<b>*</b>	,
## 199.724	199,000	367	06244	99160	0000	2000	20000	ALL LEGIS	Secon.	16142	500.12000	0
1977-79	194.220	86.724	0670	09696	106173	86190	77600	0000	.09745	-, n992 <b>6</b>	300.13000	c
2 CN CA CLM CY CYN CBL DLTALF -11214  RUN NO. 622/ 0 RN/L = 5.99  2 CN CA CLM CY CYN CBL DLTALF DLTBTA -2.095 .03576 .01532 .015590053900002 .1220717726 -2.095 .03536 .01532 .05569025930053900002 .1220717726 -2.095 .03536 .01532 .0559025930053900002 .1220717726 -2.095 .03536 .01532 .035150329900002 .1004612599 199.990 .06349 .01986 .008750326900002 .16379 .01989 199.990 .06349 .012997 .00326099030167600001 .0777411690 2 CN CA CLM CY CYN CBL DLTALF DLTBTA -96.976 .02441 .01352 .00378023010068600001 .0774011690	000.000	197.790		10010	10110	1000	11210		.09648	10501	300.33000	c
CA			60.00	23co.	Sento.	69160-	01888	00003	.17763	03469	300.04000	•
RUN NO. 622/ 0 RN/L = 5.99  2 CN CA CLM CY CYN CBL DLTALF DLTBTA 5.926 -2.095 .03536 .03521 .00669025930053900002 .1220717726 5.926 -2.095 .03536 .03532 .03510025930039900002 .1220717726 5.926 -2.095 .03536 .03549 .03506 .035100269600002 .16379 .031969 5.197 199.900 .06349 .01966 .036720326600002 .16379 .01969 5.197 199.900 .06349 .01263 .03115072620122900002 .0777411690 5.197 199.900 .04098 .02597 .00528099030167600004 .0777411690 5.410 -96.976 .022441 .01352 .00578023010068600001 .0774003144 5.90397 .04660 .01345 .00378023010068600001 .0774003144 5.90397 .04660 .01345 .00343021830004400002 .0780909915 .00685 5.90397 .06177 .05223 .01051069930075300003 .0621309599 .	640.041	393.160	PACCY:	26920	.00623	09422	01498	00004	.08905	11214	300.11000	6
Z CN CA CLM CY CYN CBL DLTALF DLBTA -100.980 .03070 .01321 .05689 -02593 -00559 -00502 .122071726 -2.095 .05636 .01632 .05610266460539900502 .122071726 97.793 .06349 .01986 .01637017270568600702 .1004612595 199.970 .06389 .02565 .01115072620122600702 .1004611690 399.790 .06389 .02565 .01115072620122600702 .1077411690 399.790 .04099 .02597 .07628099030167600702 .1077411690  Z CN CA CLM CY CYN CBL DLTALF DLTSTA -96.976 .02441 .01352 .00578023010068600701 .0774003144397 .04660 .01545 .00343021830004400702 .0760908915 99.613 .06172 .02223 .01051069930127600703 .0821309509 3		_			"							
-100.900 .03070 .01321 .01649 .07	-		2	3	;	į	į	;				
2095 05536 01632 070510 -0.02593 -0.00002 012207 -0.17726	PUR . 90-		04040	,	E TO		Z .	ŧ	DL TALF	Q. 78 TA	×	
75.055 105349 10532 105310 -12646 -100022 10046 -112595 97.793 105349 10	20.00	000	eree.	12010		02593	00229	00002	.12207	17726	300,39000	_
77.793 .06349 .01986 .010875047270068600003 .16379 .01989 1999.990 .06388 .02565 .01115072620122800004 .0777411690 399-790 .04098 .02597 .005280199030187600004 .0777411690  Z CN CA CLM CY CYN CBL DLTALF DLT8TA1066600701 .077400314409697 .07669 .07674031440068600701 .077400314409697 .07669 .07678081550815508155081550815508157091579091570915709157909157091570915709157091579091570915790915709157909157409157909	996.16	660.5-	90907	26916	.02210	02646	00399	00002	.10046	-,12595	299.99000	_
199-900	1.12.0	27.793	.96349	.01986	.00875	04727	00686	-,00003	.16379	.01989	300.09000	_
2 CN CA CLM CY CYN CBL DLTBTA	-96.197	199.900	.06388	.02565	.01115	07262	01228	00004	.97774	11690	300,08000	
Z         CN         CA         CLM         CY         CYN         CBL         CLTALF         DLTBTA           -96.976         .02441         .01352         .00578        02301        00686        00701         .07740        03144          397         .04660         .01545         .00343        02301        00686        00702         .07809        09915           99-613         .06069         .01782         .07646        03779        00702         .08125        08853           199-670         .06177         .02223         .01051        05903        00903         .09233        09509	560.66	389.790	.04096	.02997	.00528	n99n3	01076	-,00004	.09535	11986	299.87000	
Z CN CA CLM CY CYN CBL DLTALF DLTBTA -96.976 .02441 .01352 .00578023010068600001 .0774003144397 .04660 .01545 .00374021830044400502 .0780908915 99.613 .06089 .01782 .00846037790073300902 .0812508853 199.670 .06177 .02223 .01051069830127600903 .0821309509		ť			**							
-36.976 .02441 .01352 .00578023010068600001 .0774003144397 .04660 .01545 .00343021830044400002 .0780908915 99-613 .06189 .01782 .00446037790915300002 .01812508815 199-670 .06177 .05223 .01051069830120600003 .0821309509	•	2	3	3	CLM	ځ	Š	ğ	747	41.41	>	
397 .04660 .01545 .00343021830044400002 .0760909915 99-613 .06069 .01782 .00446037790075300002 .0482508853 199-670 .06177 .02223 .01051069830120600003 .0821309509	50.419	-96.976	. 52441	.01352	.00578	-,02301	005a6	1000	02240		, notes	
99.613 .06069 .01782 .00446037790075300702 .0812508853 199.670 .06177 .02223 .01051069830120600003 .06171 .06223059509	10.00	397	.04669	.01545	.00343	02183	07444	- 0000	07470	1000	300 9000	_
199.670 .06177 .02223 .01031069830120600003 .0621309509	49.179	99.613	69090	287.10.	57,646	- 03779	00268	200000	energ.	61690	3.14.20.20.	_
90560 - 1880 - 1	19.662	199.670	72196.	1,000	01051	Fedan	90000	30000	62196	388.53	300.17990	
					70.70	2						

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OF POOR QUALITY

(ATUZ11) ( 03 OCT 74 )

## AEDC/VASE@(IABT)-OIETISI-L/M SAB SEPAR.FROM O/ET

	REFERENCE DATA	2						Ē.	PRAMETRIAL CO.	<b>C</b>	
84C7 = 2800 LREF = 1200 84CF = 1200 SCALE =	2690.0000 36.FT. 1290.3000 INCHES 1290.3000 INCHES	XMRP B	1258.5000 IN. .0000 IN. 405.0000 IN.	× × × × × × × × × × × × × × × × × × ×			MACH ALPHA SALPHA X	W H H H	4.520 P 10.200 B 5.100 D 300.000	PTOTL = BETA = SBETA =	91.200 11.000 100
	-	RUN NO. 625/ 0	ES/ O RN/L =	z 5.99							
1	•	ā	3	<b>X</b>	5	Š	é	OLTALF	OLTBTA		
-	7	2	5	9000	200	01619	0000	5.10000	11556	5 300.08900	8
-396.630	-100.430	.11815	68260	96910	0000	4000	0000	5.16890	16968	8 300.15000	8
-397.440	-1.341	.11681	. 13840	00010	01060	#0000	<b>4</b> 0000	5 1678D	- 07495		3
-400.590	98.270	.11792	.02961	.01482	-1047	06303	20000	10380	41594		8
-396.590	199.740 399.640	.10442	.02895	.01247	-,10639	00454	-,00005	5,06990	11993		8
		RUN NO. 6	6267 D RN/L	= 6.01							
1	,	ā	3	3	ځ	Š	චි	DLTALF	CLTBTA	×	
•	,	2			24006	00607		5.11450	07986	6 300.23000	8
-199.450	-100.800	1.060.	C/C20.	60110.	20090	- 00ea7	10000	5.14250	07411		8
-200.260	-1.596	.19435	.02693	32510.	- 110138	199000	ACCOURT.		17070		ξ
000-102-	96.034	.11295	.03076	.01559	18463	10801	6147471	10101	44720		5
-197.690	199.470	.11147	.03644	.01611	-, 1970	50000	0.77.7.				} }
-196.820	399.340	.99758	.02914	.01181	09876	01200	0000	5.10540	* 124 ·		3
		RUN NO. 6	627/ 9 RN/L	= 6.01							
,	•	č	5	×	Շ	Š	Ę	CLTALF			
- ;	•			000	CC\$00	\$0000°	0000	5.08330	19684	4 300,13000	8
-96.478	-100.380	30776	.2010.	0.000	04000	1,000	£10000	5.08179	-, 997 44		5
-90.662	426	95265	40610	. F.1838	300343*-	10000	00000	09160	10000		5
-98.785	99.563	.19147	.02311	.91161		0.0.4	#(%)(%)*-	cocourt.	9.00		8
-99.452	199.680	10900	.03034	.01493	09306	00940	00005	5.19195	018:11		3 9
-101-650	401.659	.08923	.03153	40600	-,19189	01710	00002	5.04260	22,116	2 299.96.81	3
		RUN NO. 6	626/ G RN/L =	= 6.00							
•	•	ð	5	Š	Շ	Š	ਵੱ	<b>DLTALF</b>	CL TB TA		
	-04 442	20530	.01827	.00396	-,02065	00100	-,00002	5.00660	03404		S
65.44	36.04	7. CO.	91A72	67700	93357	00067	50000-	5.08129	58821	11 300,010000	23
		2000	00000	01143	76383	00483	- 00003	5.08339	15960	300,26000	8
-47.80E	99.61	20267	31960	50510	92260 -	00752	-,00005	5.15960		14 399,37999	000
-53.044	197.90	0.61.1.	00000	# 1 F 0 C	1000	AF010 -	50500	5.19741	•	00066.662 61	50
-48.779	199 BAD	.08474	.03399	(1)(1)	- 1	CC610					:

### TERCENCE DATA  ### I E800 DOOD 34 FT, Name = 1250 3000 IN, 35  ### I E800 DOOD 10, 125  ###	DATE 29 MAY 75	-			1A87 T	1AB7 TABULATED SOURCE DATA	SURCE DATA				PACE 429
### ### ### ### ### ### ### ### ### ##				AEDC/VA\$28 ()	1A87) -01E	T181-L/H SA	R SEPAR.FRC	¥ o⁄ET			03 OCT 74
1280, 2000 140/45   7489   2   1284, 5000 14, 15   7   7   7   7   7   7   7   7   7		DEFERENCE DAT	2						PARA	METRIC DATA	
### 1 #290.0 Nickes									,		
1.00   1.00	**	.0000 SQ.FT.		1258.5000 IN.							
TE 1290.1000   NUMBER 1	#	3000 INCHES		.0000 IN.		•		פאני	ı ıı		11
2 CN CA CLM CY CYN CRL CB C.1051010520105005 5.1057011992105005 11530 0.02756 0.105310041301532000005 5.1057011992105005 11530 0.02756 0.10531105001 0.105005 5.10570101902 1999.250  .110391 0.02756 0.10341105001 0.10150	H H	.3090 INCHES		499.0250 IN.				×	11	000	
2 CN CA CLM CY CYN CBL DUTAF DLTRIT DLTRIT CONTROL CON				RN/L							
2 CN CA CLM CT CT CT CT CM CA CLM CT CM CM CM CM CM CM CM CM CM CM CM CM CM		ı	į		3	ځ	2	é	DLTALF	CLTBTA	×
199.450 11159	-	7	200	756	.01631	08413	01552	-,00005	5.10579	11992	.12488
199-350 111122 128-86 101244 -110303 -100726 -100005 5.06-80 -117700 -111329 199-350 111122 128-86 101244 -110303 -100726 -100005 5.09-600 -117700 -111329 199-350 111324 102331 101241	-396.630	-100.40	74511	U2783	01480	09219	01502	-,00005	5.07679	10746	18576
199-150	069'666-	917.	90811	SCHOOL STATE	01318	-10000	01161	-,90005	5.06680	177.00	07045
2 CN CAN CBL DLTALF DLTBTA 2 CN CA CLM CY CYN CBL DLTALF DLTBTA 2 CN CA CLM CY CYN CBL DLTALF DLTBTA 399.420 .11352 .03368 .013791637201935 .00005 5.087400854108541200 .11362 .03368 .013791637201935 .00005 5.087400854108541200 .11362 .03368 .013791637402076 5.087600854108541200 .11362 .03368 .013791637402076 5.08760085410854108760 5.08541086520877309166 5.0854108676 5.0857008991089	198.786-	000.001	50111	12888	.91284	-,10303	00728	-, 90005	5.10410	11320	.11129
C	000.985-	399.450	10351	.02931	.51318	58246	00456	00005	5.09630	-, 107 94	. 53926
2 CN CA CLM CY CYN CBL BLTALF BLTBTA -190.1936				RN/L	*1						
-100.190		,	ä	đ	3	ځ	Š	é	CLTALF	CLTBTA	×
199.890 11386 11386 1137 - 10614 - 0.02341 - 0.00706 5.08760 - 0.06541 - 0.02149 11386 11386 10359 - 110614 - 0.02341 - 0.00706 5.0650 - 0.0013 - 0.0356 10359 - 110614 - 0.02341 - 0.00706 5.16650 - 0.00013 - 0.0356 10359 - 0.1057 - 0.00706 5.16650 - 0.00261 - 0.00706 5.16650 - 0.00261 - 0.00706 5.16650 - 0.00261 - 0.00706 5.16650 - 0.00261 - 0.00706 5.16650 - 0.00261 - 0.00706 5.16650 - 0.00261 - 0.00706 5.16650 - 0.00261 - 0.00706 5.16650 - 0.00706 5.16650 - 0.00706 5.16650 - 0.00706 5.16650 - 0.00706 5.0660 - 0.00706 5.0660 - 0.00706 5.0660 - 0.00706 5.0660 - 0.00707 - 0.00706 5.06670 - 0.09997 - 0.00707 5.06	-	7	2	,	00000	- 06775	-,01935	-,00005	5.08749	09629	19061
- 200 11340 - 03340 11371 - 11704 - 00241 - 00006 5.16650 - 000013 - 03940 113562 03360 11377 - 11704 - 01967 - 00006 5.16650 - 09261 - 09260 110369 0.02894 01029 - 00019 - 00000 5.14490 - 018101 - 00000 5.14490 - 002841 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 002841 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00261 - 00000 5.14490 - 00000 5.144490 - 00000 5.144490 - 00000 5.144490 - 00000 5.144490 - 00000 5.14	-196.739	-100.190	11386	133561.	171031	- 08372	79197	90000	5.08760	98541	14306
97.338 .11322 .03308 .01377 .11704 .00006 5.0950 .09261 .199,680 .10359 .072952 .01317 .11704 .00009 5.14490 .019101 .1092894 .01200 .022894 .01200 .022894 .01200 .022894 .01200 .022894 .01200 .00009 5.14490 .018101 .199,683 .09668 .03303 .012894 .013281 .012894 .010289 .00000 5.05094 .010971 .1992 .09668 .03303 .01290 .010877 .01087 .00000 5.06270 .01999 .10999 .00000 5.06270 .01999 .00000 5.06270 .01999 .00000 5.06270 .00000 5.06270 .09991 .00000 5.06270 .00000 5.06270 .09991 .00000 5.06270 .00000 5.06270 .09991 .00000 5.06270 .00000 5.06270 .09991 .00000 5.06270 .00000 5.06270 .00000 5.06270 .00999 .00000 5.06270 .00000 5.06270 .009991 .00000 5.06270 .00000 5.06270 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06070 5.06970 .00000 5.06370 .000000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .000000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.06370 .00000 5.00000 5.00000 5.00000 5.00000 5.000000 5.000000 5.000000 5.00000 5.00000 5.	-199.540	E62	11346	04000	023.0	10614	1750-	90000-	5.16650	00013	01603
199-869 -10359 -10359 -10350 -109129 -00319 -100005 5.14490 -118101  RUN NO. 6350 G RN/L = 6.01  RUN NO. 6350 G RN/L = 6.01  2 CN CAN CLM CY CYN CBL DLTALF DLTBTA -10920 -109004 5.10660 -10971 -100004 5.10660 -109091 1000.019 (199-53) (1	-200.819	97.338	20011.	99000	71810	11754	01967	90000	5.09950	09261	22486
Z CN CA CLM CY CYN CBL DLTALF DLTBTA102600003 5.0509010971102700003 5.0509010971105700004 5.1066010971105000004 5.1066010971105000004 5.1066000027 5.1069700007 5.062700999700003 5.052700999700003 5.06000999700003 5.06000999700003 5.06000999700003 5.06000999700003 5.106900999709993 0.02294 0.01175094130975900003 5.10690095940959409594 0.00003 5.106900959409594 0.09594 0.09594 0.09594 0.09594 0.09594 0.09594 0.09594 0.09595 0.09594 0.09594 0.09594 0.09595 0.09595 0.09594 0.09595 0.09595 0.09594 0.09595 0.09	-197.363	396.420	19369	.02894	.01200	99129	00519	00005	5.14490	18191	. 56901
2 CN CA CLM CY CYN CBL DLTALF DLTBTA101250001003 5.0519010971102210250401250001003 5.0519010971102210250401048001004 5.10660109711022 1.0994501048001004 5.1066010997109945001048001004 5.1066009997109945001048001006 5.0627009997109945001048001007 5.0642009991099941001049 5.1069009991099941001049 5.10690099941099941001049 5.10690099941099941001049 5.106900959409594099941001049 5.106900959409594001049 5.1069009594091049 5.1049009594091049 5.1049009109 5.1049009109 5.10490091109091094001049 5.10490091099 5.10697091099 5.1069710697 5.06830001099 5.10697091099 5.1069710697001099 5.1069710697001099 5.1069710697001099 5.1069710697001099 5.10697					н						
2 CN CA CLM CY CYN CA CLM CY CYN CBL DLTALF DLTBTA CASTS CONTROL CASTS CASTS CONTROL CASTS CASTS CONTROL CASTS CASTS CASTS CASTS CASTS CASTS CASTS CASTS CASTS CASTS CASTS CASTS CASTS CASTS CASTS CAS	,	,	3	đ	X	5	Š	<sub>ල්</sub>	DLTALF	CLTBTA	×
29.505 .10661 .03503 .01772 .01046 .00004 5.10660 .008273 .01027 .01027 .01049 .00005 5.06270 .09997 .0100.01 .01993 .01393 .01734 .01877 .01697 .00007 5.06420 .09997 .09993 .03993 .01399 .011334 .011652 .002476 .00007 5.06420 .09991 .09993 .03693 .013693 .01075  .09413 .00775  .00775 5.10690 .09594 .09594 .09993 .03693 .01075  .09413 .00775 .00775 0.00775 5.10690 .09594 .09594 .09993 .02294 .01117 .01672 .007696 .00707 5.07890 .09594 .03109 .09476 .00707 5.07696 .00707 5.08590 .09594 .03112 .01179 .007767 .00689 .00707 5.07890 .03109 .03109 .03246 .03712 .01177 .007767 .00689 .00707 5.07697 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .03109 .00652 .00707 5.07697 .00705 5	<b>-</b> !	7	F.0400	10755	71594	03281	01259	00003	5.05090	10971	-,03713
1.012	-97.987	60.66	53000	EUOEU EUOEU	27710.	05594	01048	-,00004	5.10660	08273	99967
199-530 09993 03693 01334118520247800007 5.0842009911 199-530 09993 036933 03693 01075094130075900765 5.1069009594 199-530 09933 032693 0107750941300759007675 5.1069009594 199-590 09935 02298 0.01170167200698007072 5.0759008704007073 5.0830006552793 09035 0.02201 0.013790376700489007073 5.0830005552 09075 5.09094 0.03712 0.0137211270 0.02246007076 5.0631013122 0.03939 0.03712 0.0137211270 0.0224600705 5.0631013122 0.11697 0.0553	-195.149	26:1-	10962	33395	06210	08717	01697	90000	5.06270	76660	04457
299.390 .09833 .02893 .01075094130075900075 5.1069009594  RUN NO. 629/ 0 RN/L = 6.01  Z CN CA CLM CY CYN CBL DLTALF DLTBTA -99.970 .06903 .02298 .01117016720069800072 5.075900670400573793 .09935 .02298 .01117016720069800073 5.0830006552 -199.970 .09935 .02298 .01637077670068900073 5.0830005552 199.990 .09794 .03712 .01372112000224600005 5.0631013122 399.540 .09652 .02900 .010180942900093 5.0905010697	-96.340	010.001	1000	03693	.01334	11852	02478	00007	5.08420	-,09911	.40384
RUN NO. 6297 0 RN/L = 6.01  Z CN CA CLM CY CYN CBL DLTALF DLTBTA -99.970 .06963 .02298 .01117016720069800002 5.0759006704793 .09035 .02201 .01179039650047400003 5.0830006552 96.752 .10450 .02288 .01637077670088900004 5.10400031.09 199.990 .09794 .03712 .01372112000224600005 5.0631013122 399.540 .09652 .02900 .010180942900095 5.0965010697	-99.311	399.390	.09833	.02893	57010	09413	00759	00005	5.10690	-, 19594	. 70223
2 CN CA CLM CY CYN CBL DLTALF DLTBTA99.970 .06905 .02298 .01117016720069800002 5.07590067041793 .09035 .02201 .01179039650047400003 5.0630006552 -06572 .10450 .022928 .01637077670088900004 5.1040003109 199.990 .09794 .03712 .01372112000224600005 5.0631013122 .399.540 .09652 .02900 .010180942900893 5.09050 5.0985010697					#						
- 193	;	,	ð	3	<b>X</b>	5	Š	ಕ	CLTALF	CL.TB TA	×
-793 .09035 .02201 .01179039650047400003 5.0830006552793 .09035 .02201 .00504 5.1940005552 96.752 .10450 .02928 .01637077670968900094 5.1940003109 199.990 .09794 .03712 .01372112000224600066 5.0631013122 399.540 .09652 .02900 .01018094290089300055 5.0965010697	- AP	700 00-	76975	95550	51116.	91672	96900'-	-,00002	5.07590	587.54	19987
96.752050	7.00	202	25000	.02201	97110.	03965	00A74	00003	5.08300	06552	.10182
199.990 .09794 .03712 .0137211200022460006 5.0631013122 399.540 .09652 .02900 .0101809429008930005 5.0965010697	401.64-	261.5	10450	92620	.01637	97767	05889	-,00094	5.19400	-,031.09	.21989
399-340 .09652 .02900 .0101809429006930005 5.0965010697		20.00	19794	21720.	51372	11200	92246	95006*-	5.06310	13122	.26903
	40.00	100 540	9652	0680.	.01018	99429	00693	-,00005	5.09850	15697	.58783

IAB? TABULATED SOURCE DATA

# AEDC/VAS28 (1A87) -OLETIS1-L/H SRB SEPAR.FROM O/ET

IB SEPAR, FROM OVET (ATURES) (

(ATUR13) ( 03 OCT 74 )

PARAMETRIC DATA

91.200 11.000 -.199

PTOTL = BETA = CBETA =

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4.520	- 2002	. 006.	000
MACH = 4			"
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× × S	. YS	. 25	
1258.5000 IN	NI 0000,	s = 400.0000 IN. 25	
	*	"	
X	Y	700	i
30.FT.	INCHES	TACKES.	
2695.0000	1290, 3000	0001	SCALE = .0100
#	*		#1
SAEF			SCALE =

### RUN NO. 633/ 0 RN/L = 6.03

x	x	x	x
09317	06978	.06504	.ngn65
01645	.48222	00967	.ng939
.23530	.24816	.10609	.14958
CLTBTA	DLTBTA	DLTBTA	DLTBTA
13099	12557	07960	06204
00617	11689	11640	13867
09986	11449	07338	09821
DLTALF	DL TALF	DLTALF	DLTALF
-4.88289	-4.90715	-4.90080	-4.9315
-4.85890	-5.02260	-4.93110	-4.94130
-4.90310	-4.90700	-4.94700	-4.91790
CBL 00003 00003 00003	CBL 00004 00003	CBL 00003 00004 00003	CBL -,00002 -,50003 -,50003
CYN	CYN	CYN	CYN
01498	02206	01705	01157
01520	02179	02531	02504
00982	51439	01507	01509
CY	CY	CY	CY
07325	07332	05076	03939
07582	08497	07469	06571
07867	08434	09213	09445
CLM .00546 .00508 .00346	CLN CLN .00982 .00387	rt = 6.01 CLM .00952 .00687 .00176	1. = 6.02 CLM .00889 .00822
CA .02297 .02315	634/ () RN/L CA .02963 .02495	635/ D RN/L CA .02646 .03113	6367 D RNAL CA .0211D .02904 .02487
CN	RUN NO. 6	RUN NO. 6	FUN NO. 6
.03612	CN	CN	CN
.03420	.02452	.92792	.02103
.03071	.02744	.92272	.02053
2	2	2	2
99.584	99.632	99.400	99.659
196.805	202.239	199.950	199.790
399.455	399.660	401.460	399.710
7	Y	7	7
-396.410	-196.175	-96.943	-49.142
-450.655	-196.970	-97.949	-46.697
-399.115	-196.430	-100.540	-48.751

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DATE 20 MAY 75				1467	1487 TABULATED SOURCE DATA	OURCE DATA				4	PACE 431
			AEDC/VA5	AEDC./VAS28 (1A87) -OLET1S1-L/H SRB SEPAR.FROM O/ET	ET181-L/H S	RB SEPAR.FR	OH OVET		(ATU214)	( 03 OCT 74	( 1/2 1)
	REFERENCE DATA	47						PAR	PARAMETRIC DA	DATA	
SCALE : 2690.	2560.0000 54.FT. 1250.3000 INCHES 1296.3000 INCHES .0100	XMRP :: YMRP :: ZMRP :: I	1258.5000 IN. .0000 IN. 400.0000 IN.	IN. XS IN. YS IN. ZS			ALPA ALPA X		4.320 P1 10.200 B6 -4.900 D6	PTOTL = BETA = CBETA =	91.200
		RUN NO.	640/ 0 RN/L	A = 6.91							
<b>-</b>	2	3	3	CLM	Ç4	CYN	<b>G</b>	DLTALF 4 \$5545	OLTBTA	×××	Ę
-396.640	199.800	.02974	.02474	00539	08803	01423	.0000	4.90830	11287	-	
.3 <b>8</b> .	455.485	RUN NO. 6	.92429 639/ 0 RN/L	.50347 A = 6.01	C68/G*-	-,51314	••••••	9606. *-	- 10840	350,64050	3
<b>&gt;</b>	~	3	5	N <sub>O</sub>	Շ	£	ਰੰ	CLTALF	OLTB TA	×	
-199.670	250.010	.03351	.02303	.00658	04690	01311	00003	-4.90330	08600	300,19000	8 8
-196.280	399.740	.01934	.02437	.00142	00691	01805	00003	-4.89940	12078		660
		RUN NO. 6	638/ D RN/L	ル = 6.01							
•	~	3	3	ð	Շ	Š	ਵੱ	CL TALF	CL TB TA	×	
-99.429	98.661	.03136	01710.	.00405	03410	00775	-,0000	-4.908eD	- 08508		60
\$ . \$c.	399.940	.01206	.02967	00253	09209	02131	00004	4.90810	11853	300.01000	3 8
		RUN NO. 6	637/ () RN/L	Λ = 6.01							
٠	~	ð	5	Ð	Շ	ž	ಕ	OLTALF	O.TBTA	×	
-48.509	99.631	.03306	.01517	.00327	02718	00697	00002	-4.92070	09824		8
-48.984	199.860 399.790	.03061	.02065		05244	01152	-,00002	-4.92169 -4.91239	08602	300.28000 299.92000	88

OF POOR QUALITY

(ATURIS) ( 03 OCT 74 ) AEDC/VAS28 (1A87) -OIETISI -L/H SRB SEPAR.FRON O/ET

	REFER	REFERENCE DATA	<b>4</b>						FAR	FARAMETRIC DATA	
9867 = 24 UREF = 12 SCALE = 12	2000,0000 30,FT. 1290,3000 INCHES 1290,3000 INCHES	Sg.FT. INCHES INCHES		= 1256.5000 IN. = .00000 IN. = 409.0000 IN.	1.5000 IN. XS .0000 IN. YS 3.0000 IN. ZS			NACH ALPHA DALPHA X	# H H H	4.529 PTOTL 10.299 BETA .199 CBETA	1, = 91.200 1, = 11.000 1, = 3.900
			RUM NO.	641/0	RN/L = 6.02	•					
<b>&gt;</b>	~		3	5	3	Շ	Š	ਵੱ	DLTALF	CLTBTA	×
-397.849		.210	.07199		19810.	19160	01965	-,00005	.15913	3.86619	19468
-396.650		611.	97876.		.00934	11109	01936	00005	.09232	3.88970	07271
-396.960		080.08	.97454		.01039	11925	91015	-,00005	.14929	3.88269	14225
-396.100		.049	.97321		.00867	12344	01750	-,00005	.10365	3.86779	59737
-399.190	_	.67g	.06523	•	51600	12734	00766	00005	.09704	3.89920	.26680
			RGN NO.	642/ U R	RN/L = 6.04	_					
-	~		3	5	ð	Շ	Š	<b>ਰ</b>	DLTALF	<b>DLTBTA</b>	×
-196.120		000	24663	.02919	.02056	07846	02474	-,0000	.07157	3.88430	.00433
-196.940		10	.06134		.01660	0enz1	02910	-,00005	.07075	3.91290	12039
-202.250		.950	.07160		.01121	10300	03193	-,00006	00149	4.00720	.41806
-196.460		6	.06949	.02895	.00675	13209	02769	90000	.08369	3.90530	.11799
-199.290		399.630	.95542		.00092	13455	01245	00005	.10159	3.89990	.32314
			Š.	6437 0	RN/L = 6.05						
•	~		3	ర	ð	Շ	Š	ಕ	DLTALF	CLTB TA	×
-100.420		.334	.02176		97710.	06516	01735	+.0000	.07438	3.92690	03630
-100.590		.617	.04669		.01637	05182	01810	-,00004	57576.	3.98420	.14346
-99.895		99.656	6345		.01562	97837	02666	90003	.05231	3.96540	.02308
-96.627		068	.06323		.00793	12615	03125	-,00006	.56837	3.89369	35569
-101.120		401.259	.04671		.001777	13586	01566	00005	.05944	3.97180	.06355

DATE 25 MAY 75	ş.			1487	IAST TABULATED SOURCE DATA	COURCE DATA				PAGE 433
			AEDC/VASE	6 (1487) -01	ET181-L/H 9	AEDC/VASEB (IABT) -OIETISI-L/H SRB SEPAR.FROM OVET	OH OVET		(ATUR16)	( 03 OCT 74 )
	NEPERENCE DATA	47.4						PAR	PARAMETRIC DATA	4
0481 - 1890 1467 - 1890 1467 - 1890	1260.0000 88.FT. 1260.3000 INCMES 1260.3000 INCMES	4 4 4	1886,9000 1 .0000 1 400.0000 1	18. 45 18. 45 18. 25			MON ALPHA DALPHA X		4.820 PT 10.200 BE .100 DBC	PTOTL = 91.800 BETA = 11.000 DBETA = 3.909
		RA NO.	646/ B RN/	RN/L = 6.03						
-307.970	2-100.100	CN .07 <b>76</b> 0	2 8 3	CLN .01389	CY 08223	CYN	CBL mmn	DLTALF 10672	CLTB TA	X P99, A7077
-400.210	.101	.07693	16620.	.01166	10696	02646	-,0000	.00136	3.90520	300.16000
- 396.680	200.690 200.220	.07535 42170.	28820.	92600.	12407	02256	\$0000.	.06565	3.63165	300.03900
-300.970	399.729	.06354	.02695	.00003	13083	01128	-,00003	03670	3.89650	300.23000
		PUN NO.	6457 S RWLL	L = 6.04						
•	~	8	3	5	Շ	ž	ಕ	CLTALF	CL TB TA	×
-196.360	-98.723	03960	67810.	.91145	04788	01342	-,00003	.06491	3.86860	300,06000
-199.950	446	60290*	10220.	11600.	04962	91426	-,00003	.09501	3.92430	300.070.00
-196.973	39.742	.07374	.02718	.01091	77955	01682	00003	.09232	3.93289	300.15000
-196.435	399.890	.09081	92826. 92820.	.00711	11647	02507	.00003	.09973	3.88619	299.97000 300.18000
		RUN NO. 64	6447 D RN/L	\$6.9						
٠	*	3	5	3	Շ	ž	ŧ	CLTALF	CL 18 1A	×
-10.903	-100.250	.01334	.01218	90900	04474	00935	-,00002	.00039	3.91179	299.90000
- 30.475	-3.716	.04721	.01472	.00749	03391	-,00965	- (100/102	.13370	3.92490	299.67000
-102.500	07.840	.04615	. 0501 V	\$7600.	06165	01040	0003	.14938	3.96640	300.36000
* * *	\$00.030 \$66.760	7.680.		.0103	19660	01732	4,000t4	76937	3.69690	200 662
							COLUMN TO	16.36.	3.080.0	C99.9C.R.

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(ATURET) ( 03 OCT 74 )

PARAMETRIC DATA

		REFER	REFERENCE DATA	4									PARAMETRIC DATA	IC DATA		
1300	5692	2690.0000 34.FT	34.FT.	ğ		1258.5050 IN. XS	X X				₹:	 5	4.529	PTOT	" " "	91.200
		1290,3000 INCHES	INCHES INCHES	, ,	<b>16</b>	20000 IN. YS	. z				₹ &	CALPHA =	5.155		۰ ،	3.900
SCALE		9100		İ			}				×		300.000			
				Š.	3	647/ B RN/	RVL = (	6.03								
	>			3		5	3			ž	ਵੱ	<b>9</b> .1		OL TB TA	×	
•	97.050		.539	12054	_	.03352	.017		151	02314	0000	5.119		15520	299.960	<u>_</u>
7	350		.276	.12260	_	.03491	.016.		76	02248	-,00006	5.112		378 00	300.200	S.
7	026.		.189	.12285		.03232	.01494	M13833	33	92522	900001-	5.18210		6529	300.310	Ž.
7	96.610		.867	.11822		.93141	£ 5.		Š	02037	-, 00005	5.10		W0.40	299.870	2
7	-397.850		399.079	.19617		.63191	.013X		ş.	00866	-,00001	8.08		97319	300.190	S.
				. CM	2	648/ 0 RN/	RNAL = 6.03	.03								
	-			3		3	3			æ	ಕ	CLTALF		CL TB TA	×	
7	35.95		.149	16060		.02497	216.	-	\$	01167	.0000	5.11			300.440	S
~	20.930		.179	10491		1,2644	.0130	·	11	07904	4.000A	5.156		D all	393,41900	<u>5</u>
-	-196.87		.765	.11621		.03193	.01550		95	01212	-,00005	5.08			299.96000	<u>s</u>
7	97.293		.550	1179		.63911	.916	-	2	52193	00007	5.107			299,84505	g.
7	194.920		399.439	.09469	_	703107	.911	-	7	51756	90006	5.10			350.25500	g

299,56000 300,07000

CLTBTA 3.93680 3.91740 3.92690 3.63450 3.88980

0,14(F 4.96540 5.07810 5.0810 5.08360 5.09580

-.00003 -.0003 -.0006 -.0006

-.00659 -.00296 -.01126 -.01126

-.05594 -.05594 -.09191 -.12957

CUM .00713 .01929 .01156 .01498

51602 .02034 .02318 .03246

CN .05964 18080

2 -96.535 \$2

.11199 .04720

99.498 199.550 398.760

-99.352

-99.201 -99.934 -99.991 -100.160

CBL -.990012

RUN NO. 649/ 0 RN/L = 6.01

319.27000 300,79000 299.94070

	•										•
			AEDC/VAS	28 (1487) -01	ET181-L/H	AEDC/VASZB (IAB7) -OIETISI-L/M SRB SEFAR.FROM OVET	ON OVET		(ATUE18)	( 03 OCT 74	. 47 1:
	NEFERENCE CATA	174						Ā	PARAMETRIC DATA	<b>4</b>	
2 : 1000 1000 : 1000 1000 : 1000 1000 : 1000	2690.0000 56.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	22 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.0000 IN. .0000 IN. .400.0000 IN.	IN. XS IN. YS IN. ZS			ALPHO ALPHO X	## ## ## ##	4.529 PTOTI 10.299 BETA 5.190 DBET4	PTOTL = BETA = CBETA =	91.200 11.000 3.900
		RUN NO. 6	652/ 0 RN/L	A = 6.01							
>		3	3	<b>S</b>	Շ	3	ಕ	DLTALF	OLTB TA	×	
-346.795	190.400	. 12157	10080	.01539	11705	01872	90000'-	5.10700	3.88680		ā
- 396 . 505		20121	.03021	.01548	12480	01965	90000	5.19690	3.91310	.35531	2
-396.750	20.430	. 11663	97.00.	51210	3877	01616	00036	5.06390	3.26789	80860.	<b>3</b> 5
-394.360		10683	.03279	.01343	12491	76500	0000	5.00900	3.89760	.61836	3 8
		FG 10.	6517 0 RM/L	1. 6.02							
>	~	3	ర	3	Շ	ž	ජ	CLTALF	D. TB TA	×	
-195.190	010,001- 00	.19135	.63214	.02187	57201	02720	90005	5.08670	3.85090	05176	9
-1%.360		.11279	.03535	72610.	10049	02644	<b>9</b> 00000 -	5.00040	3.91379	26384	3
-196.510	10 99.733	.11920	.03615	.01540	13561	02691	10000	5.97749	3.90490	.62151	5
-136.490		24011.	.53266	70216	15729	52501	70000	5.06680	3.90350	.28180	2
-196.300		.19160	.03169	.01210	13121	9951	90000*-	\$.19669	3.88589	.74401	=
		RUN NO. 65	650/ 0 REV.	ت د 6.01							
•	~	3	5	ð	ځ	Ē	ŧ	CL TALF	Q 18 TA	×	
-118.311		15990.	.02649	, ren94	-, 04969	01776	00004	5.01470	3.86940	41911	=
-106.120		<b>2596</b> 0.	. n2774	.01663	56588	01723	-,0000	5.00060	3.99760	90994	*
-07.639	100.060	.11327	.03511	.01760	11510	01905	90000*-	5.04710	3.69430	29506	¥
-94.511	Ī	.15499	58680.	608 10	15533	02789	0000	5.97000	3.90715	.28273	r
-107.20	29.490	.19419	.53147	.01063	13222	-,01295	-,00006	5.19000	3.91425	.72527	

ORIGINAL PAGE IS OF POOR QUALITY .

(ATUZ19) ( 03 OCT 74 )

PARAMETRIC DATA	MACH = 4.520 PTOTL = 91.200 ALPHA = 10.200 BETA = 11.000 GALPHA = -4.900 CBETA = 3.900 X = .000
REFERENCE DATA	SARET R. 2690,0000 50.FT. BORP R. 1250.5000 IN. XS LREF R. 1290,3000 INCHES 200P R. 400,0000 IN. ZS SCALE R
	KALE:

•	•	3	5		•	5	Ē	ð	OLTALF	CL TB TA	×
9		31970	300		598	- 10502	0.020	+C0000	-4.87570	3.93069	07427
			0367		1070	01511	01677	-, 00000	-4.84549	3.94980	16251.
-300.719	399.540	.03147	.02675		.00351	11769	91327	<b>-</b> .00004	-4.90050	3.89225	.29276
		RUN NO.	6 24/ 9	RML = 6.01	6.01						
,		3	5		*	b	Ē	ĕ	CLTALF	CL TB TA	×
610.401	. \$	13064	360		7887	06259	03084	0000	-4.92400	3.89560	91378
		23175	0254		9374	19147	-,03236	\$0000	-5.02230	3.93760	.65136
130.430	33.600	02020	.02728		.0033	12791	91663	A0000	-4.69940	3.90350	.26705
		RUN NO.	6 /559	INV. = 6.01	10.9						
•	•	ž	5			Շ	ξ	ಕ	CLTALF	CL TB TA	×
	363.	AX250.	0.00		10.16	06242	02515	<b>ACCCCO.</b> -	-4.94670	4,00075	.07889
	69.60	12441	29080		00200	09559	03506	00005	-4.97820	3.93155	37162
	600	20046	m 20		7.44	13619	01794	+.99994	-5.00770	3.97290	.99578

RUN NO. 6567 9 RN/L = 6.03

- 5	* . *	.03776 .03585 .03583	.02647 .02509 .02563	.00542 .005336 .005336	CY 19075 11640 11890	CYN 02776 02192 01693	CBL 90003 00004 00004	6, TALF -4, 89115 -4, 90585 -4, 95675	CLT8TA 3.86960 3.88560 3.89890	X 299.84090 300.21000 300.04000
		ACM NO.	6577.0 RM	RH/L = 6.93						
•	~	3	5	r)	გ	Š	je B	CLTALF	SL TB TA	×
-170.000	#. Tat	.03640	11830	\$0400°	98778	01039	50003	-4.90690	3.92890	300.13976
-100.073	P39.149	.93543	CAURO.	79800.	04691	- ,02606	*.0599 <b>\$</b>	00616	3.91635	399, 1775
5000	200 . 01.0	204 10	19750.		13152	69226	00903	-4.99745	3.689.55	300.0500

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CATE 25	CATE 20 MAY 75	•			1467	TABY TABULATED SOURCE CATA	OURCE CATA				PAGE 437
				AEDC/VASE	. (1487) -OI	ET181-L/M S	AEDC/VASZB (IABT) -OLETISI-L/M SMB SEPAR.FROM O/ET	QK 0/ET		(ATUREO)	( 03 001 74 )
		GEFENENCE DATA	4						PARA	PARAMETRIC DATA	
2	2	2660.0000 56.FT.		1254.5000 IN.	1M. XS			10.4	, ,	4.520 PTOT.	11.000
				400.0050 IN.				র কু	, H ,		
		_		656/ 0 RW	RM/L = 6.03			•			
	•	~	5	5	5	5	Ē	ਵੱ	OLTALF	CL.TBTA	×
7	-99.211	99.650	.03510	.01544	19600	04159	01283	0002	-4.92840	3.91160	300.04000
7 7	-14.765	199.970	.00930	.02314	00434	07295	36.10°-		4.92620	3.69370	299.89000
				AEDC/VASE	(8 (TAB7) -OE	ETISI-LM S	AEDCZVASEB (IAB?) -OIETISS -L.M. SHB. SEPAR.FROM QYET	OH 0/E1		(ATUR21)	( 53 001 74 )
		NETENDICE CATA	2						PARA	PARAMETRIC CATA	
5	24.0	2640.0000 Se.FT.	# #	1256.5070 IN.	ă			ð		4.520 PTOIL	1. : 91.200
5	1240			.0000 IN.	ž.			ALPHA	**		11
SCALE :	1200	1295.3050 INCHES	# <b>*</b>	400.0000 IN.	z.			CALPHA x	11 11	.103 DBCTA	8.999
		=	5 .0 5	659/ G RN/L	ت						
	<b>~</b>	~	3	3	ð	Շ	£	ಕ	OLTA F	DL 78 TA	×
Χ-	-300.000	-190.110	.06624	.02799	1744	12051	02093	90000*-	8 0360.	7.86900	17555
¥-	-399.785	-1.025	19290	.02689	9010	12762	03170	90005	14077	7.96110	25013
7	-400.570	\$6.63	278C.	.02059	11900	15048	02614	00003	10002	7.96370	17536
Ĭ.	-386.110	12.43 20 20 20 20 20 20 20 20 20 20 20 20 20	.97731	21180.	11600	16501	02127	00003	.10366	7.85539	19675
Υ.	-399.219	599.700	.06644	.03244	99600.	17520	01043	99905	.09 <b>6</b> 12	7.89330	.22897
		•	FUE NO. 66	660/ 0 RH/L	ר = •.ופ						
	•	~	3	3	3	ځ	ξ	ŧ	CLTALF	CL TB TA	×
Ļ	-206.785	127.44-	.02729	.02944	.02478	19555	nsar4	90007	17621.	0.02040	-1.02150
2	-200.110	-1.450	<b>2995</b> 0.	.03053	.01933	09112	03542	10000	. 91933	8.04720	05302
11-	-14.540	39.742	.07355	13380	34210.	11966	03954	10000	.05879	7.93090	26220
-	-186.730	139.650	.07526	21150	.00622	16534	03451	90000	.07270	7.91570	16672.
Ę	-200.519	399.550	.63315	W2280*	.02605	16359	91566	00008	.09952	7.91759	.67169

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FIOUR QUALITY

(ATUR22) ( 03 OCT 74 )

PARAMETRIC DATA	
REFERENCE DATA	

4.520	BETA	.100 CBETA	300,000 ≈ ×
1258.5000 IN. XS	YHRP = .0000 IN. YS	400.0000 IN. 25	
11	**	11	
2690.0000	1290.3000 INCHES	BAEF = 1290.3000 INCHES	.9190
14		11	н
SREF	LREF	BAEF	SCALE

		RUN NO.	662/ 0 RN	RN/L = 6.02						
>	7	3	5	ð	ò	Š	ਵੱ	DLTALF	OL TB TA	×
-396.040	-99.919	.06550	.02971	.91621	10601	03557	00007	.09848	7.83750	299.50000
-401.380	.081	.08219	.03096	.91126	12211	03626	00006	.05304	7.94050	300.1800
-399.590	100,500	04090.	.03153	.00950	15101	03109	09006	.07268	7.82340	300.2000
-396.860	200,250	.57816	.03067	.00844	16609	02705	00006	.97398	7.82390	300,0000
-399.790	399.600	.06613	.03245	.00767	17896	01488	-,00005	.09529	7.90240	300.0200
		RGN NO.	661/ D RN	RIVL = 6.02						
>	~	3	5	Đ	Շ	ž	<sub>ේ</sub>	CLTALF	CLTBTA	
-199.830	-97.672	.02596	.01633	.01223	(16398	01718	.00003	.01989	7.87919	
-199.900	386	.05493	55030	.91273	05653	01911	.0000	.06:175	7.92890	
-209.439	99.680	.08032	6775U.	.01051	9742	02057	₹0000°-	.08252	7.95470	300.27999
-199.640	200.060	17970.	.03579	70110.	14795	03022	900001-	.06913	7.91900	
-199.149	399,730	.05051	.03260	.00522	19052	02163	0006	.59671	7.878.00	299.91000

(ATUR23) (	PARAMETRIC DATA
AEDC/VASZB (TAB7) -OIETISI-L/H SRB SEPAR, FROM OVET	CE DATA

REFERENCE DATA

4.520 PTOTL =	ALPHA = 10.200 BETA = 11.000	5.100 DBETA =	∴00°000 ≈ ×
XMRF = 1298.5000 IN. XS	YMRP = .0000 IN. YS	ZMRP = 400.000.1N. ZS	
	INCHES		SCALE : .0100

		RCN NO.	663/ D RN/L	ハ = 6.99						
•	2	ટ	5	Ą	Շ	£	ਰ	CLTALF	DL 18 TA	×
-397.820	-100.090	.12362	.03416	.01749	13218	03093	00005	5.19030	7.88729	299.80000
-397.090	735	.12530	.03613	.01767	15737	02815	-,00006	7.13620	7.83930	299,74000
-399.165	96.325	.12891	.03639	.01565	17715	02778	00007	5.19200	7.89369	299.95000
-396.955	199.880	.12524	13401	.91216	19031	02574	90000*-	5.11350	7.87459	299,76000
-398.600	399.945	.19343	.03438	.01517	18026	01239	-,00003	5.09410	7,87459	300.06000

DATE EG MAY 75				1A87 T	1AB7 TABULATED SOURCE DATA	MRCE DATA				PAGE 439	•
			AEDC/VA528	(TAB7) -01E	7181-L/H SF	AEDC/VASZB (1A87)-O1E71S1-L/H SRB SEPAR.FROM OVET	N OVET		(ATURES)	( 03 OCT 74	~
_	DEFERENCE DATA	<u>.</u>						PARA	PARAMETRIC DATA		
•									1010	000.190	٤
SAEF = 2690.0000	DDOD 54.FT.	XMRP	1256.5000 IN.				E E E		10.200 BETA		8
	1290.3000 INCHES	THRP	.N1 0000.	. 4S			CALPHA	· ·		**	g
SCALE = 1295.	1299.3000 INCHES	L L					×	200	300,000		
	-	RUN NO.	6647 0 RN/L	9 H							
;	•	ð	3	×	Շ	£	ਵੱ	OLTALF	DLTBTA	×	
	7 - 101 - 030	.07205	.06117	.01935	05451	01579	00003	5.10420	7.96420	300.48000	
-201.970	-2.631	11964	.02755	.01237	09554	01110	00003	5.11590	7.90600	300.36000	
-199.230	99.937	.11956	.03275	76510.	13979	51608	•.00005	0.0750	7.86480	299.53000	
-198.470	199.749	.12398	.04196	.91751	18601	02598	-,057,58	5.10320	7.89980	390,40000	
-199,59 <u>0</u>	399,580	10160.	.03329	.01196	18483	78226'-					
			AEDC/VA528	1 (1 A87) -01E	T151-L/H S	AEDC/VA528 (IA87) -OLETISI-L/H SRB SEPAR.FROM OVET	¥ 0⁄ET		(ATU224)	( 93 OCT 74	^
	REFERENCE DATA	<b>₹</b>						PAR	PARAMETRIC DATA		
				1			3	•	4.520 FTOT	002:16 = 1	8
н	2690.0000 \$4.FT.	X HARD	1258.5555 IN.	IN. XS			A.P.A	1 11		**	8
LAEF = 1290.	1290.3000 INCHES	ZARP II	400.0000 IN.				CALPHA	11 H	5.100 DBETA		Ē
SCALE =	.0100						4	ì			
		RUN NO.	666/ 0 RN/L	20.9 = 1							
,	•	Z	5	N)	Շ	ž	ਵ	CLTALF	CLTBTA	×	
100 660	100.500	.12427	.02938	.01677	13655	02671	00006	5.10190	7.88620	. 73346	
-399.480	.172	.12754	.03187	.01477	15963	02408	-,00006	5.07800	7.84159	6. 100. CEE.00	
-399.660	99.826	.12573	.03319	.01445	17579	02252	-,0000	0.09880	7 020 1	70019	
-398.615	200.005	.12262	.03393	.01176	18843	01866		5.05410	7 00570	60100	
-399.660	399.470	.19877	.03492	.01477	17965	00919	- 00000	5.1(45)	1. CIP. 1	-6169·	
		RUN NO.	665/ 0 RN/L	L = 6.90							
,	•	3	đ	ž	č	Š	ਵ	DLTALF	CL TB TA	×	
<b>&gt;</b>	7	200	neor u	02716	07962	93392	70000	5.13230	7.87419	01316	
-196.350	0.00	1497	96760	01900	-, 11051	03327	90000*-	5.11230	7.89845	41537	
-195.000	-1.418	97FC1	03849	.91567	16747	03013	09997	5.06470	7.92995	.46845	
-199.519	99.720	11614	.03679	.01195	20198	02956	-, 00008	5.07590	7.91790	.15464	
196.97	100.477	15034	.03364	.91375	17398	01483	90000:-	5.19789	7.89705	.71882	
; # F - R R T											

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(ATUR25) ( 03 OCT 74 )

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91,299 8.000 -.17835 -.16887 0 0 0 CBETA FTOTL BETA PARAMETRIC DATA DLTBTA 7.92950 7.87170 7.90220 4.520 -4.900 000. DLTALF -4.82570 -4.89460 -4.90080 11 11 # # MACH ... ALPHA ... DALPHA ... -.00006 -.99905 -.03183 -.02744 -.01697 -.12250 -.14084 -.16257 RN/L = 6.03 RN/L = 6.03 CLM .99726 .00251 = 1256.5000 IN. XS = .0000 IN. YS = 400.0000 IN. ZS CA .02631 .02626 RUN NO. 667/ 5 RUN NO. 668/ !! .03228 .03974 YARP TARP REFERENCE DATA 2690.0000 SQ.FT. 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100 2 98.358 199.940 399.660 -398.760 -399.370 -399.990 SAEF

91.200 11.000 8.000 (ATUR26) ( 03 OCT 74 H H H BETA CBETA 10T PARAMETRIC DATA 4.520 10.200 -4.900 300.000 MACH :: ALPHA :: CALFHA :: X AEDC/YAS28 (1A87) -OIETISI-L/H SRB SEFAR, FROM OVET = 1256.5000 IN. XS = .0000 IN. YS = 400.0000 IN. ZS XIMRP YIMRP ZIMRP REFERENCE CATA SAEF = 2690.0000 34.FT. LAEF = 1290.3000 INCHES BAEF = 1290.3000 INCHES

-.35579 .83988 .14585

DLTBTA 7.92020 8.01870

DLTALF -4.94069 -5.04900 -4.90860

CBL -.00007 -.00007 -.00005

CYN -.03849 -.04194 -.02009

-.10406

Շ

CUM .01094 .00488 .00107

CA .02933 .02676 .02992

CN .02524 .03196

2 99.958 202.080 399.450

7 -199.240 -202.420 -200.810

.92129

-.12633

7.92930

299.44000 300.08000 300.14000 399,16990 300.21000 299.81600 × DL 18TA 7.85840 7.87460 7.90870 CLTBTA 7.96189 7.94595 7.87245 6LTALF -4.89510 -4.89720 -4.90890 CLTALF -4.91360 -4.93790 -4.95425 CBL -.99996 -.99996 -.99995 CBL -.0.984 -.09905 -.0996 CYN -.03842 -.03104 -.02104 -.02439 -.03334 -.02863 -.11808 -.14356 -.16368 -.10678 -.97183 RN/L = 6.03 RN/L = 6.93 .00455 .00249 .00195 СLН .059**45** .00422 CA .02228 .03095 .02951 CA .02765 .02613 .02955 RUN NO. 6697 S RUN NO. 670/ 0 .04369 .04144 .03119 .01986 .03362 2 99.850 199.600 399.690 2 99.693 200.190 399.890 .0100 -399.070 -399.090 -400.250 -200.350 -200.350 -190.000 SCALE =

PAGE 441 IABY TABULATED SOURCE DATA CATE 20 HAY 75

(ATU227) ( 03 OCT 74 ) AEDC/VAS28 (1A87) -OIET1S1-R/H SRB SEPAR.FROM O.ET

E C	METEREMEE UAIA									
2690.0000 SQ.FT.	58.FT.	X	.N1 0000.1N	S X X			MACH	# #	4.520 PTOTL 10.000 BETA	= 60.400 = 15.800
1290.3000 INCHES 1290.3000 INCHES .0100	INCHES		490.9900 IN.				CALPHA X		.200 DBETA	100
	-	RUN NO. 61	6747 G RN/L	= 4.05						
•		3	5	<b>5</b>	გ	ž	ਵੱ	DLTALF	CLTBTA	×
1001- 918-01	000	92670.	.04498	.03312	05038	.00453	00003	.17210	11799	04654
	336	96690	.04693	.02753	02457	.00672	-,00003	.15399	12306	. 51964
	99.264	.03911	.04194	56600	03885	.00839	00002	.14861	10520	.41133
	199.460	.02878	.03493	.00318	04643	00448	00002	.14184	09656	.46342
	.790	.06988	.03000	.00668	07542	01858	00003	.13385	10648	.46905
	_	RUN NO. 6	673/ 0 RN/L	= 4.05						
•		ð	ť	3	ځ	Š	ē	CLTALF	CLTBTA	×
		2		0.620	04047	- 012A7	0000	.16833	10353	.60358
ī		.05748	10000	13010	08472	00000	1,0000	1050%	- 17033	. 58882
	.847	.03190	. 25493	.01933	31466.	00000	10000	14791	11382	.49383
	.641	.02083	.03260	67510.	50500	609.00	- 10000	2001	1060	.62067
	89.	.03354	.03284	66210	(15/15	90010	60000	9556.		£9824
101.020 399.	.829	.06349	. 03030	18600.	:8526	0.610	CHARACT	.16338		
		RUN NO. 6	672/ U RN/L	± 4.05						
•		3	4	T O	č	Š	ਵੱ	<b>DLTALF</b>	CLTBTA	×
	107	21910	0110	0.000	08222	01954	00003	.15794	-,12635	.45729
		A2420	.03263	92218	99411	01456	00003	.21624	17367	.25167
	7	25070	193091	10020	99125	01573	-,00004	.14835	-,08719	.44240
•		04760	75010	51452	98895	01721	00003	.19733	08314	. 52434
		61990	.0289\$	69600	9949	01661	00003	.12418	08301	.63207
		RUN NO. 6	671/ D RN/L	4.05						
•		ð	3	*	Շ	£	ម	CLTALF	CL TB TA	×
7 017 017	470	06512	.02846	.61164	19984	01520	-, 500004	.18558	15352	.52078
•		06677	27750	61979	-,19982	01692	<b>ACCOUNT</b>	.18939	11255	.54529
	<b>R</b>	1000		0.000	93900	7487	10000	16495	11959	.59469
		12616	1.12546	27867.	CC0/11-	#67G*	10000		06211 -	48630
199,350 199.		50170	\$2725	12814	1.1836		Principal -		F4004	40047
44.0			4100	2000	•	2				

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(ATUR28) ( 03 OCT 74 )

	REFERENCE DATA	<b>∠</b>						PARA	PARAMETRIC DATA	<b>≥</b>
SAEF = 2690. LAEF = 1290. SCALE =	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES	XIARP III	1256.5000 IN. XS .0000 IN. YS 400.0000 IN. <b>2</b> S	IN. XS IN. YS IN. ZS			MACH ALPHA SALPHA X	7 24 96	4.529 PTOTI 10.009 BETA .209 CBETA 300.009	PTOTL = 69.490 BETA = 15.600 CBETA = -,100
		RUN NO. 6	675/ 0 RN/	RN/L :: 4.05						
>		3	5	NT C	Շ	Š	é	OLTALF	OL TB TA	
10.651	-100.150	.06962	.04024	.02286	07034	00120	00003	.17821	13919	
10.671	021	.06680	.04305	.02207	-,05504	60900	00003	.15928	12837	
10.764	100.040	.03568	.04485	.01341	04712	.00416	00002	.13719	-,10925	
10.896	199.819	.02517	.03969	00000	04274	75000.	20000	96721.	-11540	COSSTRUCTION
19.097	399.690	.07089	.03044	.00612	07296	01825	(E.E.E.)	.13961.		
	_	RUN NO. 6	676/ () RN/L	T = 4.05						
>		3	5	Š	Շ	Š	ਰ	CLTALF	OL TB TA	
- 6	716 60-	15924	10870	.01531	05221	00228	00001	.97911	14139	299,98000
019:161	010	13656	FEBEU	01642	95514	97000	90001	.12694	14252	299,75000
100,000	0001	20606	2577.0	16.01	06389	93128	50502	.11969	03544	390.01000
96.93	066.101	36760	193347	91366	06569	01260	-,00003	13964	10881	300.09000
199.779	399.700	.96271	17980.	06600	08254	02010	00003	.15028	11688	299.94000
		RUN NO. 6	677/ S RN/L	L: 4.05						
					į	į	ŧ		2	*
-	2	3	3	CL <b>x</b>	ð	2	<b>1</b>	ברים ברים	1017	č
201.360	-99.57	.03554	.03241	.01069	07161	01744	20000-	01621.	15256	
201.270	.946	.02231	.03227	.01646	98253	01635	9002	60060	1141.1	
201.490	100.010	.91761	.03340	12267	08780	01542	-,19900	69/61	0.00	
201.320	199.300	.03556	.03305	72610.	08250	.51920		. 6.1441	11639	
200.970	399.465	.06541	.52940	.01911	19754	91717	Market Comment	.13488	13436	
		RUN NO. 678/ 5	78/ D RWL	L = 4.95						
,	•	3	5	3	Շ	Š	ಶ	CLTALF	CL 78 TA	
	1100.250	.05044	32915	.01383	9925	01510	-,00003	.23560	+,05264	
	190	1,6172	92620	.01245	99348	01879	-,00003	.14885	972 58	299.85000
000 007	8	06516	1,02827	.01119	09853	01793	00003	.15418	14996	300.09000
700.00	200,200	92020	.02633	.00845	15678	01307	-,00003	.13448	16697	300.06000
670	399.810	75047	.52768	.97,803	10856	91256	00003	.13932	12302	299.99700
; ; ;										

DATE 20 MAY 75	<b>\$</b>			1487	TABLEATED SOURCE DATA	COURCE DATA				PAGE 443
			AEDC/VASE	1(1AB7) -OSE	ET181-R/H S	AEDC/VASZ8 (IA87) -OLETISI-R/M SRB SEPAR.FROM O/ET	OH O/ET		(ATUR29)	( 03 0CT 74 )
	REFERENCE DATA	<b>TA</b>						PAR	PARAMETRIC DATA	≤
# 11		XMRP =	1258.5000 IN.				MACH ALPHA			,, ,,
BREF = 1290 SCALE =	1290.3900 INCHES	- PARP	499.0000 IN.	£			₹ S	CALPHA = 300	5.200 086 300.000	CBETA =190
	-	RUN NO. 6	682/ 0 RH/L	4.94						
•	2	3	3	CH	Շ	CAN	ਭੱ	DLTALF	DLTB TA	×
19.914	-100.200	.12814	.04475	.03670	05454	.00242	-,00005	5.19320	~.14511	300.01000
19.245	2.491	.11698	04498	77510.	06676	.05457	00000	5,15890	-,11394	300.07000
11.002	199.530	.96470	11620.	.00642	07462	21000	00003	5.14250	11774	300.12000
11.966	399.79	71960.	.03238	.01439	09322	91719	00004	5.15430	-,12197	299.99000
	-	RUN NO. 6	6817 D RN/L	4.04						
<b>&gt;</b>	2	3	5	Ş	Շ	Š	ਵੱ	DLTALF	OL TB TA	×
101.895	-102.580	57501.	.04469	60620	07080	.00070	-,00003	5.26210	15583	300.47000
101.069	338	.08617	.64126	.02531	08045	.00236	00004	5.16890	13387	300.09000
191.919	849.64	.06860	.03523	51510	19128	-,00295	-,00004	5.14560	11545	300,11990
199.579	199.760	.07159	.93329	.01509	10569	01075	90904	5.13979	10201	299,99000
101.260	399.640	12201	.03187	.01549	10458	51645	00004	5.16650	10055	390.22000
	-	RUN NO. 6	680/ D RN/L	. = 4.95						
>	~	3	<b>5</b>	Ę.	Շ	CYN	<del>ව</del>	DLTALF	CLTB1A	×
200.370	-100.270	.07109	.03414	12020	10787	01196	00004	5.18860	13140	299.94000
199.410	665	00490	.03461	.02368	-,11791	01119	00003	5.20360	09408	299.84000
250.060	100.039	.07743	.03344	.02047	11616	01236	-,00003	5.13770	09174	299.69000
133.860	199.610	.08915	.03247	.01790	10903	01431	00004	5.14690	07379	299.64000
200.380	399.310	10921	.03027	.01342	11391	01375	-,00004	5.14989	10821	350.03900
	-	AUN NO.	679/ 0 RN/L	4.05						
<b>&gt;</b>	~	3	5	Ę	Շ	Š	ಕ	DLTALF	DL TB TA	×
401.820	-100.410	.10075	.03124	.01749	11032	01410	00004	5.18230	14326	300.10000
400.410	618	.19675	.03052	.91541	10972	01582	-,00004	5.19410	091 03	300.68000
490.320	99.409	.11239	.02072	.01269	11602	01309	-,00004	5.17270	11193	300,51990
400.930	199.770	.11339	35620.	.01189	11776	01236	-,00004	5.15950	11521	300.57000
490.360	399.810	.11336	.0 <b>2999</b>	.91192	11812	01240	+00000	5.15240	10878	300,50000

## AEDC/VASE8 (IA87) -OIETISI-R/H SRB SEPAR, FROM OVET

69.400 (ATU230) ( 03 OCT 74 ) PTOTL = BETA = CBETA = PARAMETRIC DATA 4.520 10.000 5.200 MACH RALPHA BOALPHA B XMRP = 1256.5000 IN. XS YMRP = .0000 IN. YS ZMRP = 400.0000 IN. ZS BREF = 2090.COOD 30.FT. X LREF = 1290.3000 INCHES Y BREF = 1290.3000 INCHES Z SCALE = .0100 REFERENCE DATA

<b>&gt;</b>		ð	5	טרא	Ç	Š	ŧ	DLTALF	DLT8TA	×
17.6	-100.110	20171	.04760	.04122	01169	.00114	00005	5.18690	15075	.34776
	670	11912	04579	.03008	03609	.01062	00003	5.14390	10839	.48571
285	757.08	6566C	04160	97010	06182	26900	00003	5.13660	09352	.42879
7	199.700	.06067	.03612	.00773	97946	00554	00003	5.12700	12783	. 54791
10.259	399.570	.10043	.03216	.01441	-,09506	01723	99994	5.1.2an	10202	.45659
		RUN NO. 6	6847 0 RN/L	T = 4.04						
>	~	3	ð	3	Շ	Š	ಕ	DLTALF	OLTB TA	×
	-100.220	.10530	.03621	.02463	-,06650	01075	-,00003	5.17630	13001	00629.
5	**	90.00	.03325	.01496	07767	00611	.00003	5.15430	11397	.41782
	90' YOU	07448	.03221	62210	-,10613	-,00889	-,00004	5.13450	10320	.41791
517	196.850	19220.	.03263	71510.	-,19564	01195	00005	5.18290	04301	.43739
99.579	396.170	.10483	.03183	.01461	10555	01659	00004	9.18440	02860	. 72923
		S	665/ 0 RN/L	7. 1.0						
>	~	3	5	3	Շ	ž	ē	DLTALF	DLTB TA	×
501.350	-100.390	00660	.0380	01090	09806	01912	00004	9.10010	12945	78758
0.400	525	.08619	03100	.01749	11041	01606	•.0000	5.15920	1191129	.69553
201.250	100.300	.08638	.03190	.01732	11645	01170	•.0000	5.12710	16615	.47629
C88.004	190.100	10160	.03215	.01814	10950	01452	-,00005	5.15700	11685	. 53695
0.00	399.610	.11909	.02994	.01273	11482	01316	-,00004	5.12120	13612	.31628
		RUN NO. 6	1/NH G /909	1 = 4.04						
	~	ž	5	£	ځ	Č	9	CLTALF	SL TB TA	×
6.00	-199.679	1.19921	.02993	.01446	11212	01447	-,00004	5.20290	14200	.48988
0.350	670.	.11235	.02863	.91253	11580	01396	00004	5.15130	12910	.37529
400.473	99.796	.11341	.02943	.91219	11743	01252	-, 99994	5.15710	11679	. 53250
2.13	. 99.615	.11348	.92960	A9110.	11844	01040	ACCOU.	4 16140	40.11	TARRE
						2016			36 7 7 7	

DATE 20 MAY 75	•			1487	IAB7 TABULATEC SOURCE DATA	JOURCE DATA				PAGE 445
			AEDC/VA52	8 (1487) -01	ET151-R/H S	AEDC/VASSB (1A87) -OLETISI-R/H SRB SEPAR.FROM OVET	ON OVET		(ATU231)	( 03 CCT 74 )
	REFERENCE DATA	TA.						PAR	PARAMETRIC DATA	
SCALE : 2690.	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES	XMRP = YMRP = ZMRP =	1258.5000 IN. ,0000 IN. 400.0000 IN.	2			# P P ×	MACH = 12 ALFHA = 12 X = -	4.529 PTOT. 10.000 BETA -4.900 CBETA	L = 69.400 = 15.699 A =190
		RUN NO. 690/ 0		RN/L = 4.04						
•	2	3	5		Շ	ž	ð	OL TALF	CL TB TA	×
10.111	042	.09824	.94446	.01985	02795	90500	00002	-4.88269	09526	16390
10.569	99.549	91919	.04553	.01245	02857	.01002	10000	-4.85230	11708	.18417
10.636	199.819	00649	769£0.	.00317	63894	00039	-,00002	-4,87199	11486	15843
10.005	399.980	.93613	.92874	.00248	06242	01823	00003	-4.87949	10874	18461
		RUN NO. 68	689/ G RN/L	i = 4.94						
>	2	3	3	CLM	Շ	Š	é	CLTALF	CLTBTA	×
100.060	.614	*. DD617	.93137	.01285	51849	91748	00000	-4.87920	09171	.08688
101.200	99.919	66600*-	.03535	.01554	03117	01343	00001	-4.85580	12533	.19658
796.66	199.920	.99761	.03513	.01091	95387	01941	00002	-4.8688f)	09615	16102
199.940	399.910	.03987	.52837	.00168	97153	02061	00003	-4.89165	- 11483	.40851
		RUN NO. 60	688/ 0 RN/L	L = 4.94						
<b>&gt;</b>	N	3	5	×	Ç	Ē	ਵੱ	CLTALF	CL TB TA	×
201.900	794	.00154	.03057	.01006	05319	02379	000C	-4.86190	13998	.06418
200.079	96.759	00082	.03391	.51490	05050	02491	00003	-4.79090	08915	20722
199,000	199.530	.91287	.03319	.01276	05350	02732	00003	-4.85159	05190	.27267
100.200	401.090	.03496	.02852	.00391	06310	02023	00003	-4.92670	14342	.43366
		RUN NO. 66	687/ 5 RN/L	1 = 4.94						
•	~	3	3	3	გ	Š	ਵੱ	CLTALF	CL TB TA	×
400.430	- 364	.03199	.02790	.00624	08758	01913	00003	-4.83120	11386	.44867
400.140	99.546	.03273	.02651	Section	09297	01796	-,00004	-4.82970	09422	.47367
400.750	199.339	.03434	.02523	.99474	£9977	01406	-,00004	-4.85920	11998	.55261
750	100 730	20770	AARCH.	9176	-,16142	70810	10000	-4.86119	19553	53892

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			AEDC/VASA		ALDC/VASCULIABY) -OLETISI-R/M SAB SEPAR.FROM OVET		(ATUR32) ( 03 OCT 74 )	) (2)	8	( 72 )	
e e	REFERENCE DATA	≤					PARAMETRIC DATA	: DATA			
0060,043 = 7340,0000 0060,0451 = 7340,000 0467 = 1240,000 5646 = 1		N T N	 34.FT. 1048 = 1256.5000 IN. XS INCHES YMRP = .0000 IN. YS INCHES ZMRP = 400.0000 IN. ZS	ž ž ž		MACH = ALPHA = CALPHA =	# 4.520 # 15.000 # -4.900	PTOTL BETA CBETA	W # W	= 60.499 = 15.800 =109	

<b>-</b>	×	3	3	3	Շ	2	ē	2 14 5	AT 87.	*
10.770	.167	76900.	.04056	.01228	04169	, Anna	1000	9698	12479	200 000
12.247	216.36	00559	.04279	.00742	05139	0900	.000	77220	176.06	
•	200,050	02427	.94157	.00104	05607	72200	20000	4.87420	04792	
11.263	399.040	.03424	.02897	.07269	06144	01663	00003	-4.85550	13354	
		RUN NO.	692/ 0 RPU	BU. = 4.03						
•	2	3	5	ð	5	ξ	ŧ	74.5	AT AT A	×
101.440	2.300	90900	.03596	.00357	01000	00436	10000	07656	067.00	1000
\$3.01	199.139	90507	.03559	.90581	02249	00466	0000	4.8490	16731	
35.5%	199.050	.00378	.03371	11600	03659	-,01258	auco:-	4.86150	10 CC -	200 7807
199.749	399.900	.04298	.02869	.00104	97941	02017	00003	-4.85720	11939	299.92005
		RUN NO. 6	693/ 0 RW	RWL = 4.03						
<b>&gt;</b>	~	3	5	S S	Č	Š	ē	747	41 AT AT	>
201.300	.781	22110.	.03204	.00296	04478	91910	auu-	100	17.77	TO 13000
200.690	99.630	.00657	.03290	.05823	04757	02044	2000	-4.85240	11885	300
206.302	199.500	.01395	.03267	.01046	94652	02626	Sum.	-4. A 1060	19600 -	00000
199.300	399.500	.03491	.02861	268000*	06175	02071	00003	-4.83060	97437	299.97000
		RUN NO.	6947 D RNAL	L = 4.93						
•	~	3	3	Š	č	3	ĕ	2 TA F	7. 8T. 5.	,
600.960	067	.03149	.02nsa	62970	07839	02169	0003	4.84570	1007	10000
400.100	199.050	.03423	.02003	.95487	96371	02196		-4.85360	- 12471	200 00000
400.700	199.960	.03292	07850.	.00545	09125	01794	Succes.	-4.83570	11737	200 04000
018.101	499.919	.03429	70760	66700					21.17	C 33 . 34 . F. F.

PAGE 447

7

69.490 15.899 -4.199 ( 03 OCT 74 16 66 81 PTOTL BETA SBETA PARAMETRIC DATA (ATU233) 4.520 60% 60% H H H H MACH : AECC/VAS28 (IA87) -OIETISI-R/H SAB SEPAR.FROM OVET = 1250,9000 IN. X = .0000 IN. Y = 450,9900 IN. Z REFERENCE DATA = 2690.0000 50.FT. = 1290.3000 INCHES = 1290.3000 INCHES 5190 

-.09412 .08849 -.05029 -.11463 -.05985 .36790 -.00388 -4.14950 -4.13250 -4.19996 -4.69196 -4.11119 -4.10590 -4.10850 -4.07879 OLTB7A -4.11120 -4.04440 -4.03880 -4,08649 -4 13825 CL. 18 TA -4.12549 C. TBTA .21976 .17799 .15385 23734 .16350 .14095 .13486 .17659 .17268 .12823 0.TALF .14541 .11921 OLTALF .09347 -.00002 -.00002 -.00002 -.00003 Cer - Cooks -.00003 -.00003 -.00002 -.00001 -.00003 CBL .noon CBL -.00002 -.01585 -.01564 -.01129 -.01139 CYN -.02223 -.01480 -.01050 -.01347 CYN -.00014 .00332 .00144 -.01663 -.03650 -.05105 -.05271 -.05867 -.06995 -.07057 -.07222 CY -.(2156 -.01688 -.02743 -.06109 -.95772 4.03 RN/L = 4.03 6.4 CLM .01136 .01680 .00895 .01349 .01525 .01622 .01236 .01063 95879 CLM .02**262** .01656 .01966 .01668 51600 RK/ Z CA .nanas .03079 .02762 .02661 .02437 .02587 .93230 .03294 .03125 CA .03266 02940 C RUN NO. 697/ 5 0 /969 695/ CN .06030 .06506 .91889 .76152 .93136 .05053 .15818 .02492 CN :94341 . 1.2957 .05263 ₹. . See 150 3 -1.069 99.382 199.310 399.655 2 -94.554 -.222 199.790 -150.489 -.549 99.601 199.679 98.981 -99.879 401.480 388.880 400.480 388.880 201.000 200.490 200.040 199.200 199.589 199.850 191.150 161.6 100.529

.07669

.49826 .58873 .55901 .55331

x .65771

(ATUE34) ( 03 OCT 74 )

## AEDC/VASEB (1A87) -O1ET1S1-R/H SAB SEPAR.FROM O/ET

A XMRP = 1258.5000 IN. XS YMSP = .0000 IN. YS ZMRP = 400.0000 IN. ZS	PARAMETRIC DATA	MACH = 4.520 PTOTL : 60.490 ALPHA = 10.000 BETA = 15.800 CALPHA = .200 CBETA = -4.190 X = 390.000
1		: 1258.5000 IN. XS : 0000 IN. YS : 450.0000 IN. ZS
	REFERENCE DATA	E660,0000 56.FT. 1250,3500 14CHES 1250,3500 14CHES
#EFERENCE D ####################################		
# 1290.0		SACT LAD LAD KALE

>		3	•	*	Շ	Š	ಕ	OL TALF	CL 78 TA	×
20.780	-100.300	97310	.93751	0.01990	91614	21900.	-,00002	.18364	-4.13290	
010	158.1	06150	93761	.91748	03379	.01477	00002	10522	-4.18459	
3	102.719	.03466	.03751	.01341	03622	90110.	00002	.96302	-4.01859	299.770/20
90.210	199.679	272.0	91116	.00928	53660	90279	-,00002	.13858	-4.19319	
199.700	399.750	.04291	12944	.91371	(14486	01677	00003	.15067	-4.11830	299.970.00
		NA NO.	699/ G RN/L	L = 4.03						
>	~	3	3	3	Շ	Ē	ਵ	OLTALF.	CL 118 TA	×
F. 250	-190.049	08840	77620.	978DQ.	01686	01241	10000-	.13595	-4.17189	390,29999
21.12	.579	.03130	.02969	71116.	03610	01163	00000	A0090.	-4.11659	
22.250	199.319	01810.	.035e7	.01923	15139	50856	-,00002	18991.	-4.17169	
20.70	199.730	71157.	70150.	09610	05469	-,01599	99002	.14527	-4.15920	
\$4.719	399.160	26670	61620	.91436	05668	51632	00003	.16858	-4.09665	300.05000
		FUN MO. 75	7.007 S RN	RN/L = 4.03						
<b>&gt;</b>	~	3	5	CL	ઠ	Š	é	Q. TALF	Q.TBTA	
069.00	-100.100	29950	12937	.01513	04559	01862	-,00002	.15171	-4.12485	•••
25.140	724	64179	03020	.01014	04633	01990	-,00003	.19271	-4, 151 59	
90.340	99.592	32.50	\$1620.	.51865	55749	01724	50000	.17588	-4.15165	
491.100	200.519	.05563	.02578	19810.	-,06719	01286	00003	.11726	-4.16790	
56.0	200	***************************************		***************************************		4000				00000

( 03 OCT 74 )

(ATUE35)

## AEDC/VASZB (1AB7)-OIETISI-R/H SAB SEPAR,FROH OVET

0.0000 14CHES THEF I 1250-5000 1N. YS 0.3000 1NCHES THEF I 0000 1N. YS 0.3000 1NCHES THEF I 0000 1N. YS 0.3000 1NCHES THEF I 0000 1N. YS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1N. ZS 0.3000 1NCHES THEF I 0000 1NCHES THEF I 0000 1NCHE I 0000 1NCHE I 0000 1NCHES THEF I 00000 1NCHES THEF I 0000 1NCHES THEF I 0000 1NCHES THEF I 00000 1		REFERENCE DATA	Ť.						PAR	PARAMETRIC DATA	2
#UN NO. 703/ 0 RN/L = 4.03  #UN NO. 12205			7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1250.5000 11. .0000 13. 400.5000 13.	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			PAC PALP	" B	4.520 PTOTU 10.000 BETA 5.200 DBETA 500.000	PTOTL = 60.400 BETA = 15.600 DBETA = -4.100
2 CN CA CLN CY CYN CBL DL7ALF -100.100					8.4						
-100.100 .12205 .04052 .0305303446 .0119909004 5.18570246 .10600 .04165 .0256902542 .0110909002 5.17420 199.646 .03144 .03496 .0134404176 .0039209002 5.13170 199.620 .06079 .03141 .01402076610937309002 5.13170 199.620 .06679 .03141 .01402076610937309002 5.13170 199.620 .06627 .03567 .013640655906137309003 5.16200 5.16200 199.610 .03365 .013520615609076 5.16200 5.16200 199.610 .03365 .013520615609076 5.16200 5.16200 199.610 .03365 .01377062350676909076 5.16200 5.16410 199.610 .07269 .035076 .016770625909076 5.16410 5.16200 6.167609076 5.16410 5.16200 6.1067609076 5.16410 6.1676 6.167	•	~	3	3	CLA	b	Š	ŧ	OLTALF	DC.787A	
### 19600	100.719	-190.100	12205	.940\$2	.03053	03646	30810	M0000	5,16579	-4.13660	300.04000
99.646 .08194 .03496 .0135404176 .0035200002 5.15170 199.620 .06079 .03141 .0140207681037300003 5.13680 399.820 .06627 .03567 .01640066390130300003 5.13680 399.820 .06627 .03567 .01640066390130300003 5.15690 -100.430 .09610 .03385 .01352061500037500002 99.911 .07129 .03385 .01352061500037500002 199.610 .07129 .03385 .013520615000272 5.16830 199.610 .07129 .03385 .013520615000272 5.16830 199.610 .07129 .03385 .013680676300272 5.16830 199.610 .07129 .03385 .018780676300272 5.16830 199.610 .07129 .0348 .016770675300278 5.15860 2	100.920	248	19600	.04165	(12569	02542	.01109		5.17420	-4.13895	300,04000
199.620 .06079 .03141 .01402076810937300003 3.13680 399.620 .06627 .03067 .01840066390130300003 3.13680 399.620 .09627 .03067 .01840066390130300003 3.13680 3.19630 .09640 .03365 .01332067690057300002 3.18930 .094 .09543 .013350676300002 3.18930 3.19630 .09769 .09769 .00002 3.18930 3.19640 .077363 .03365 .016780676300002 3.18930 3.19640 .077363 .0376907676070003 3.13660 3.19640 .077363 .03769070003 3.13660 3.19640 .077363 .03769070003 3.13660 3.19640 .077363 .03769070003 3.13660 3.13660 3.13660 3.13660 3.13660 3.13660 3.13660 3.13660 3.13660 3.13660 3.13660 3.13660 3.13670 3.13	130,719	<b>39</b> .646	.08194	.03496	.01354	04176	50800	00002	5.15170	-4.13150	299.96000
#MN NO. 792/ 0 RN/L = 4.03  ***CN	191.100	199.620	.06079	.93141	.01402	07681		00003	5.13680	-4.11699	300.23000
#UN NO. 702/ 0 RN/L = 4.03  P. CN CA CLM CY CYN CBL BLTALF  -100.430    .09610    .03365    .01352   06150   00573   00002    5.18935  -190.430    .09610    .03365    .01352   06150   00072    5.18935  190.610    .07129    .01374    .01677   06793   00779    5.19630  190.610    .07129    .03776    .01677   06793   00779    5.19630  190.610    .07760    .02976    .01679   07663   00770    5.15660  2	100.173	399.850	.08627	.03067	.01649	06859	.01303	-,000013	5.16200	-4.10449	300,09000
2 CN CA CLM CY CYN CBL CLTALF -100.430 .09618 .03365 .01332061580057500002 5.18935 -108.430 .09618 .03365 .01332067830037500002 5.18935 99.911 .07129 .03104 .01877062350076900003 5.19830 199.610 .07585 .03076 .0187806590076900004 5.15290 199.730 .09768 .02948 .01619076630767800004 5.15660 290.730 .09768 .02948 .01619076630113800004 5.15660											
-100.430 .09614 .03365 .01352061560057500002 5.18935 .05943 .03365 .01953067630063600002 5.18935 .05943 .03365 .01953067630063600003 5.19630 5.19640 5.15290 199.610 .07565 .03076 .01676065350076900004 5.15290 5.19640 5.15290 6.0264 .01676066590076900703 5.15640 5.15640 5.15660 6.02946 .02946 .01679076630766300704 5.15660 5.15660 6.02976 .02976 0.02946 .02979006390063900704 5.15690 6.1967  0.0674400704 5.18690 6.1967  0.0674400704 5.18690 6.1967  0.0674400704 5.18690 6.19676 0.02679 0.0164800704 5.18690 6.19676 0.0174200704 5.18690 6.19676 0.0174200704 5.18690 6.19676 0.00744 6.19676	•	~	3	3	3	Շ	ž	é	CLTALF	OL TBTA	×
199-610   .05643   .01365   .01953  06763  06366  00003   \$4.19630     199-610   .07129   .03176   .01678  06559  0769  07024   \$4.15290     199-610   .07565   .03176   .01676  07653  07676  07024   \$4.15290     199-610   .09766   .02946   .01679  07663  07678  07024   \$4.15290     2	201.030	-100.430	01960.	.03365	.01352	06158	00575	<b>3</b> 0000'-	5.16935	-4.14650	300.19000
#95.911 .07129 .03104 .01877062350076900704 5.15290 199.610 .07565 .03076 .0187606590767600704 5.15640 5.15640 .02946 .02946 .01619076830115600704 5.15640 5.15640 .09764 .09764 5.15640 .02976 .019690063900764 5.1560 5.1560 .02978 .01969006390061400004 5.14540 .09764 .03761 .0127400004 5.12690 5.16976 .0117400004 5.19590 5.16976 .0117400004 5.19590 5.16976 .0117400004 5.19590 5.16976 .0117400004 5.19590 5.16976 .0117400004 5.19590 5.16976 .0117400004 5.19590 5.16976 .0117400004 5.19590 5.16976 .0117400004 5.19590 5.16976 .0117400004 5.19590 5.16976 .01174 .00004 5.19590 5.16976 .01174 .00004 5.19590 5.16976 .01174 .00004 5.19500 5.	199.385	-06G	.06943	.03365	.01953	06783	05636		5.19830	-4.55875	299.99000
199-610	130.450	\$3.911	92170.	.03104	.01877	1,6235	90769	00004	5.15290	-4.09420	299.91003
\$90.730	200.000	199.610	.97585	.03076	.91878	58659	00678	99004	5.16410	-4.11199	300.14900
RUN NO. 701/ 0 RW/L = 4.03  2 CN CA CLM CY CYN CBL DLTALF -90.762 .00659 .01969080590061000004 5.14540007 .00474 .03061 .0223075670117400004 5.12690 190.760 .00923 .02600 .01535077750100100004 5.19260	199.910	396.739	.09760	.02948	.01619	07683	01158	00003	5.15860	-4.04879	300.08000
2 CM CA CLM CY CYN CBL DLTALF -99.762 .00459 .01549040590405400204 5.14540607 .047740504 .02573075570117400204 5.21690 99.199 .02672 01535077750117400204 5.21690 199.760 10575 01257 06106 010104 5.16500 01257 06106 010104 5.16500 010575 010576 01257 06106 010104 5.16500 010576 010576 01257 06106 010576 0					8.4						
-99.762 .00659 .02673 .01989006190061800004 5.14540	•	•	ð	5	1	ò	ž	ਵ	DUTALF	OLTBTA	×
	201.100	-99.762	08900	27879	60610	00039	0081e	00004	5.14540		299.97000
99-199 .09983 .02000 .01635037001420000 5.19200 199-190 .0169100000010010000 5.16910 5.16910			.04774	19080	.02123	07567	01174	0000A	5.21890	-4.11590	300.12000
01691-760 10010 10010 10010 10010 10010 10010 10010 10010 10010 10010 10010	070.103	8.193	.09923	05000	.01635	97779	91142	-,0000W	5.19200	-4.11280	300.13000
CALL TOTAL CAMPA CALL TOTAL CALL CALL CALL CALL CALL CALL CALL C	400.780	199.760	.10575	78787.	76210.	-,00006	10010	+,00004	5.16910	-4.10020	300.18000
CATELLY MANAGE DARKET CRIDITY FOR IN MINER LONG CONTROL CONTRO	400.030	300.00	10701	. 0207E	.01234	00190	-,00940	+,00004	5.15169	-4.11450	300,09000

ORIGINAL PAGE IS OF POOR QUALITY

TABY TABULATED SOURCE DATA

					AEGE/YASZBIIABII-CIEIISI-R/M SKB SEFARIFROM CIEI		3	· •	3	(A10236) (33 00) 14
	ACT	REFERENCE DATA	2				PARAMETRIC DATA	C DATA		
וני	BREF * \$695.0000 \$4.FT.	1 \$4.FT.	N. S. S. S. S. S. S. S. S. S. S. S. S. S.	*	MMRP z 1258.5000 lv. XS	# •	4.529	PTOTL		69,499
֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝	LACF = 1290.3000 INCHE	INCHES	THEF	**		ALPHA =	19,000	BETA	**	BETA = 15.630
יי	BAEF * 1290.3000 INCHE	INCHES	<b>J. 1984</b>	н		SALPHA Z	m	VEE14	**	-4,196
SCALE :	0010.	_			*	H	500.			

	~	3	5	CLN	გ	Š	ð	CL.TALF	CLTBTA	×
_	-120.190	.12614	.03449	11120	00353	99181	00003	5.18720	-4.14050	.42664
	423	.11630	.03419	.61593	01719	.99194	00002	5.16345	-4.111.55	50975
_	98.479	19210.	59180.	962:01	04942	97271	00003	5.14270	-4.09429	. 50559
	199.800	.65956	. US135	.51483	97489	00670	<b></b> 90054	5.15290	-3.96175	18982
916.161	399.556	.58973	.03064	.01783	-,96869	01310		5,13690	-4.11519	. \$6150
		RA NO.	7057 9 RAVL	4.93						
	~	3	5	<b>.</b>	გ	£	ಕ	OL TALF	CL TB TA	×
_	-101,069	96060	.03460	.91749	03657	01844	00002	5.20960	-4.12990	.64628
	644	52870.	.03053	.61753	06219	01412	00003	5.16640	(%160.1-	. 58275
_	100.390	74CAP.	\$9620	<b>95815</b>	76111	9060G*-	-,90004	5.19769	-7.15.850	. 32233
_	199.719	.97769	28080	\$1619.	0.8358	55778	00094	5.13270	-1.16700	49678
270.370	399.700	67660.	926201	.61539	57627	51138	-,90064	5.11719	-4.11315	.48947
		<b>3. 3.</b>	706/ 13 PH/L	FNAL: 4.02						
	~	3	5	<b>*</b> 10	č	ž	ਭ	CLTALF	Q. TB. TA	×
_	-190,949	.09240	59625	.01954	97606	01063	- 95000	5.23190	-4.15919	.47313
_	808.	62665	.02735	.91590	97814	01198	<b>1</b> 00004	5.13780	-4,19729	.26923
_	100.000	.19419	21020	.0136₿	10610	51020	90003	5.14935	-4.11459	.26392
490.649	199.675	. 19615	.02782	.01286	54165	95990	00003	5.15469	-4.12219	.46520
	399.895	1.694	.02795	11210.	Set 50	00920	SOUTH	5.15910	-4.10800	43344

FAGE 451	(ATUE37) ( 03 OCT 74 )
MCE BATA	
1487 TABULATED SOURCE DATA	AEDC/VASZB (1A87) -OLETISI-R/H SAB SEPAR,FROM O/ET
CAVE TO MAY 75	

			AEDC/VAS28	1(1487) -OIE	T181-R/H S	AEDC/VASZB (1ABY) -OLETISI-R/H SRB SEPAR.FROM OVET	S OF		3	3
	MEYERENCE DATA	174						1	PARAMETRIC DATA	2
2 3 1 V 28 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2960.0000 30.FT. 1290.3000 14CHES 1290.3000 14CHES .0100	7 T T T T T T T T T T T T T T T T T T T	1256.2000 1N. .0000 1N. 400.0000 1N.				A MANAGEMENT	и и и и _ <b>3</b>	4.320 PTOTI 10.000 BETA -4.900 CBETA .000.	PFOTL = 60.400 BETA = 15.300 C0ETA = -4.100
		RUN NO.	109/ 0 RBVL	4.03						
•	~	3	5	N)	ځ	Ē	ਵੱ	OLTALF	Q.1815	
190.370		• i \$00°.	.03309	201432	.00246	m516	00000	-4.80300		
100.540		00120	.03224	81219.	02081	\$1900	00000'-	7.137		
170.700	780 198.779	01011	18880. 02 <b>92</b> 3	.01229	02194	00044		4.86330	-4.10510	01020
		NO NO	TOBY D REVIL	80°+ ± 1						
•	•	3	3	3	č	Ē	ಕ	CL TALF	Q.TBTA	×
- 1	•		13010	1	A 130	- 17648	00000	00006	7	.11433
22.52		2000	91110	27510	09800	01952		-4.79520		•
20.103		67.600	01510	01810	01711	01968		7.81960		·
	670 403.990	02003	AC050.	A7707.	13946	02020	-,00003	4.93319	-4.94270	00708
		RC NO.	077 D BULL	89.7 × 1						
•	N	3	5	Ð	გ	Ē	ਰੱ	Q.TALF		
400.630		67230.	.02784	.mex	03641	02270	-,0000	7.5220		
344.600		11116.	08750.	08116.	04499	02160	0000	CPSCO. 7		
400.690	CD0 199.149	.02549	. ne 349	1800.	05073	01476	20000	7.84.20		•
380.PE		19867	.92311	.00477	96657	01045	SOCIO.	4.86329	-4.06715	<b>8</b>
			AEDC/VASPI	1 (1 AB 7) -Os (	ET181-R# 9	AEDC/VASDB (TABT) -OLETISI-R/M SKB SEPAR.FROM OVET	Q 0/ET		(47(236)	1 83 OCT 74
	PETERDICE DATA	474						1	PARMETRIC DATA	47
•	1, 1, 0000 0000	1	1254. SOON IN.	×			Ĭ	" *O#	6.520 PT	PTOT. : 60.400
			. NT 1000.				3	#		
	1290.300º INCHES .0100		405.000 10	r Ž			₹×	CALPNA : X	-4.9% OB	CBETA = -4.195
		ACM NO. 7	710/ 0 ANL	1 = 4.93						
•	•	3	3		5	ξ	ਵੱ	Q.TALF	CL TB TA	×
100.001		\$0356.	299KG.	1	06000	.00859	ococc.	-4.84120	-4.12279	350,01000
	=	07522	.03510	.00.	91345	98600	10000	-4.91400		
199.810		91512	P6280"	\$0800	02093	19600	-,99999	-4.85650		
135.25		<b>46</b> 16.	.02033	.47857	03471	913/00	3000G*-	-4.05589	-4.17955	299.03000

(ATU236) ( 03 OCT 74 )

PARAMETRIC DATA

	60.409 15.809 -4.109
DATA	PTOTL = 0 BETA = 0 08ETA = .
PARAMETRIC DATA	4.520 10.000 -4.900 300.000
	MACH = ALPHA = OALPHA = X
	XX XX XX XX XX XX XX XX XX XX XX XX XX
	8
REFERENCE DATA	2690.0000 30.FT. XM 1290.3000 INCHES YM 1290.3000 INCHES ZM .0100
	,

	CYN CBL OLTALF DLTBTA X0131800001 -4.83800 -4.13270 300.060000166500000 -4.94630 -4.16220 300.370000174800001 -4.66020 -4.10980 300.050000174800001 -4.86560 -3.99080 299.80000	CYN CBL DLTALF CLTBTA X -,02545 -,02003 -4,84310 -4,11500 299,64070 -,0259 -,02003 -4,80309 -4,10510 299,82003 -,02288 -,02002 -4,82890 -4,15180 299,82003 -,01146 -,02002 -4,86160 -4,10350 300,13000
RN/L = 4.03	CLM CY 00096 .00593 .00712 .00282 .0152001445	RN/L = 4.03 CLM CY .0064302587 .0098603015 .0111504048
7117 0	CA .02957 23 .03166 31 .03244 52 .02855	CA CA 3 .03034 7 .02975 5 .02791 2 .02355
RUN NO.	7 CN -2D7 .01528 101.54000623 199.84001051 399.130 .02062	RUN NO. 2 CN035035 99.409 199.710 .03902
	7 201.05 202.05 202.65 205.05	Y 399.190 399.910 400.800

(ATU239) ( 03 OCT 74 )	CATA	FTOTL = 65.400 BETA = 15.605 CBETA = -8.105
(ATU239	PARAMETRIC BATA	4.520 10.000 .200
λ£Τ		MACH = ALPHA = CALPHA = X
AEDC/VAS28 (IA87) -O1ET1S1-R/M SRB SEPAR.FROM O/ET	MEFERENCE DATA	SAEST = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XS LAEST = 1290.3000 INCHES YMRP = .0000 IN. YS BAREST = 1290.3000 INCHES ZMRP = 400.0000 IN. ZS SCALE = .0100

		NO.	714/ D RN/	RN7L = 4.02						
7 200.570 201.760 197.960 196.190	2 -1:0:160 318 101.760 199.910	CN .05937 .05281 .05143 .02710	CA .03036 .02997 .02842 .02951	CLM .01264 .0136 .00722 .01271	CY .00403 00583 01569 01569	CYN -,00574 ,00004 -,00536 -,00943 -,01147	CBL -,00002 -,00004 -,00003 -,00002 -,00002	DLTALF .17514 .14481 .56985 .16719	CLTBTA -8.12393 -8.19945 -8.50570 -8.51730	x 02075 .07334 37666 41426
		RUN NO.	713/ 0 RN/L	T. = 4.93						
<b>&gt;</b>	~	3	5	ð	Շ	Š	ਵੱ	CLTALF	CLT8TA	×
	-00,007	.04359	.02861	.01539	00569	02357	-,00002	.19881	-8.02630	21925
	950	.03222	78750.	.02233	02855	01372	99002	.22300	-8.07689	0666
200	40.5	.04533	.02389	.51616	54524	00828	00002	.17441	-8.12319	01592
401 010	194.420	04979	.02499	.91431	04135	90811	-,09902	.17365	-8,13929	.61302
399.961	399.575	.95867	.12348	.00384	94344	90763	59992	.14429	-8.58475	.5585

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1487 TABULATED SOURCE DATA	
DATE ED MAY 75	

				AEDC/VAS2	\$ (1 A)	87) -01E	T151-R/H S	AEDC/VAS28 (1A87) -OIET1S1-R/H SRB SEPAR.FROM O/ET	OH OVET		3	(ATU248)	( 03 OCT 74	CT 74 )
	REFERENCE DATA	: DATA									PARANET	PARAMETRIC DATA	4	
SAEF = 2690 LREF = 1299 BREF = 1290 SCALE =	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	CHES ZHRP		1258.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	IN. XS IN. YS IN. ZS	พูพูพ			NACH ALFHA DALFHA X	# 3 H # # ₹ #	4.520 10.000 ,200 300.000	POTL DO BETA DO CBETA DO CBETA	2TC = 7A = 1	60.400 15.800 -0.100
		RUN NO.		715/ 0 RN/	RN/L =	4.03								
Y 406	2	ON CA	5	CA 02818	9 6	CLM 197759	CY .01934	CYN	CBL 00002	DLTALF		DLTBTA -8.11410	x 309.24000	<b>9</b>
202.649	8		2 22 2	.02921	, c, c	.00839	01749	.00552	00002	.15668		-8.12019		C 00
200.950	199.		. <b>.</b> .	.02829	0.0	01066	01809	00590	00002	.13710		-6.11210		000
		RUN NO.		716/ 0 RW/L	٦ "	4.93								
>	2	3		ర	T.	x	გ	Š	ਵੱ	DLTALF		ભ.TBTA	×	
400.920	-100.1		9	.02954	ů.	.01134	.00587	02277	00003	.16336	-	-8.12300	299.91000	000
499.559	-1.191	103194 102886	<b>7</b> 9	.02885	ei ei	.01888 :02300	01247	01884	90001	.17110		-8.15220	300.03000	000
400.030	200	•	•	.02694	e.	.01973	-, 53954	50878	00002	.14097	·	-8.15950	300.01000	000
499.349	400.930	65733.	n	.62390	ů.	51024	04230	00782	50003	.05962	•	-8.12859	299.92000	<b>9</b>
				AEDC/VA52	}8 (1 Å	87) –O1E	T1S1-R/H S	AEDC/VASZ8(1A87)-OLETISI-R/H SRB SEFAR.FROM O/ET	Ø o∕ET		(A)	(ATU241)	( (5) 001 74	C 72 13
	REFERENCE CATA	CATA									FARAMET	PARAMETRIC DATA	2	
	2690.0000 SQ.FT. 1290.3000 INCHES			1256.5000 IN. XS	N. X.	<b>9</b> 99 9			MACH ALPHA		4.520			60.400
BREF = 1299 Scale =	1295.3000 INCHES .0100	ES 2MRP	11	400.0000 IN.	IN. 25	so.			CALPHA	,, ,, ≨	300,000	50 C8ETA	" <u>▼</u>	-8.100

RUN NO. 718/ 0 ' RN/L = 4.02

CLTBTA X -6.15250 300.24000 -6.04300 299.72000 -6.11290 300.99000 -6.11180 299.64000 5.20970 5.13340 5.15980 5.18640 5.20610 CBL
-.00005
-.00003
-.00002
-.00004 .00554 .00559 -.00780 -.00363 CY -.02250 -.01456 -.02656 -.05661 CLM .01672 .01569 .01332 .01743 CA .03148 .03313 .03045 .02901 CN .11639 .09889 .08004 .07050 2 -190.550 1.411 99.586 199.370 397.990 201.010 199.300 200.610 199.390 200.220

(ATU241) ( 03 OCT 74 )

## AEDC/VAS28 (IAB7) -OIETISI-R/H SRB SEPAR, FROM O/ET

PARAMETRIC DATA	масм = 4.520 PTOTL = 60.400 ALPHA = 10.000 BETA = 15.800 DALPHA = 5.200 DBETA = -8.100 X = 300.000	DLTALF DLTBTA D3 5.1250 -8.06300 04 5.18620 -8.13690 04 5.19650 -8.11650 04 5.18600 -8.11650	O/ET (A10242) (US CAT 74 ) PARAMETRIC DATA	MACH = 4.520 PTOTL = 60.400 ALPHA = 10.000 BETA = 15.600 CALPHA = 5.200 DBETA = -6.100 X = .000	CBL DLTALF DLTBTA X -,00003 \$,19610 -6,14410 ,58690 -,00002 \$,16650 -8,12690 ,37603 -,00002 \$,10410 -8,08040 ,58519 -,00004 ,09580 -8,15850 ,48945 -,00004 5,13380 -8,10410 ,41997
		CY CYN04613000040568700334054510542705042005290498800642	AEDC/VA428 (TA87) –JIETISI-R/H SRB SEPAR.FROM O/ET		CY CYN .0074200697003800097002784010290355700424
	1236.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	CLM CLM CLM CLM CLM CLM CLM CLM CLM CLM	./Vaszb (1AB7) –31ET1S'	1236.5000 IN. XS .0000 IN. YS 400.0000 IN. 2S	CLM (CLM (O) 191622 (O) 1933 (
GATA	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	CN CA .07925 .02868 .08107 .02864 .08637 .02770 .09613 .02714	AEDC Gata	XMR B 8	CA CA CA CA 1159D .03261 .1159D .03261 .03184 .05184 .051865 .05865 .05865 .05865
REFERENCE DA	SREF : 2690.0000 34.FT. LREF : 1290.3000 INCHES BREF : 1290.3000 INCHES SCALE : .0100	7 2 399.970 -99.635 401.050411 400.860 99.215 400.890 199.470	ACTORDER D	SAEF = 2690,0000 34.FT. LREF = 1290,3000 INCHES BAEF = 1290,3000 INCHES SCALE = .0100	7 2 800.670 -100.300 800.410445 801.130 100.370 801.130 800.370

X -.32822 .41452 .37513 .46289

DLTBTA -8.03540 -8.11510 -8.15010 -8.09210 -8.09560

5.20740 5.20740 5.15500 5.14110 5.15740 5.14610

-.00004 -.00004 -.00004 -.00004 -.00004

CYN -,00499 -,00511 -,00511 -,00671

CY -.05367 -.05286 -.05351 -.05063

CLM .02044 .01783 .01595

CA .02767 .02652 .02714 .02703

.08412 .09010 .09439 .09662

2 -99.501

395.670

.069 199.520 199.560 400.070

400.059 399.860 399.920 400.250

RNAL = 4.02

RUN NO. 725/ 0

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IABY TABULATED SOURCE DATA	
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				AEDC/VASEB (IAB7)-OIETISI-R/H SRB SEPAR,FROM OVET		(ATUZ	÷3	(ATU243) ( 53 OCT 74 )	<b>~</b>
	REFE	REFERENCE DATA	<b>1</b> 4			PARAMETRIC DATA	C DATA		
- 10 H	* 2590.3000 * 1290.3000		19.FT. XMRP =	 56.FT. XMRP & 1256.5000 IN. XS MAC INCMES YMRP & .0000 IN. YS ALI	o ₹	ALPHA = 10.000 BETA = 15.800	PTOTL BETA		008

	2000.000	INCHES	d W	30.	.N.	۲\$			ALF			BETA	s 15.800
BUEF : 18	0010.	INCHES	Ž	400.0000 IN. 25	000 IN.	23			A D	DALPHA = X	0 000.	<b>38ETA</b>	# <b>-6.1</b> 00
			RUN NO.	722/ 0	RNY	RN/L = 4.02							
>	~		3			į	5	Š	ਵ	DLTALF			×
7.007		.093	01000			.01024	.04252	01311	-,00000	-4.86160	-8.10860		-, 06030
8.00		. 844	.00535			71010.	.00246	00089	.00001	-4.84120			.12215
3		500	70000			.00920	-,00228	00165	-,00000	-4.87069			25270
201 . 999		399.670	00048	.92882		.91277	-, 50,680	01476	.00001	-4.86710			08690
			RUN NO.	721/ 0	RN/L	4.03							
٠	~		3			<b>X</b>	č	Š	ಕ	DLTALF			×
401		360	.01459			.00861	62020	-,03098	-,00003	-4.83165			.14778
5		8	01167			.02260	.01459	03115	00001	-4.84739			.15582
399.770		196.459	.00519	50750.		.01636	01415	91844	-,00001	-4.78789	-8.04420		18781
4		78.0	12154			122027	-, 93993	01119	50000	-4.86979			.08059

					AEC	C/VA	S8 (1	A87)	AEDC/VASZB (1A87) -OIETISI-R/H SRB SEPAR.FRON O/ET			(ATUR44	-	8 B	(ATU244) ( 03 OCT 74 )
		REFERENCE DATA	DATA								PARA	PARAMETRIC CATA	CATA		
2000	94	2690.0000 90.FT.		14	1258.	5990	ž	×	1	" გ		4.520	FTOT	"	60.400
	10	1290.3000 INCHES		**	YMEP = .0000 IN. YS	0000	ż	75	₹	ALPHA ::			BETA	н	15.000
	н	1290.3000 INCHES		**	63	0000	ž	\$2	NO	#¥		-4.900	CBETA	**	-8.100
SCALE		SCALE = .0100							×	**	•	900.000			
			RUN NO. 723/ 0 RN/L = 4.02	٠.	23/ 0	ž	₹		25:1						

<b>&gt;</b>	7	3	5	3	Շ	ž	ಕ	CLTALF	CLTBTA	
23,250	141	.91575	.02772	.00109	.03256	00199	-,50001	-4.86530	-8.16310	,
000,000	100.240	.90529	.02904	.95474	.90742	00058	00000	-4.89540	-8.13369	300.30000
600,600	199.885	00579	.03067	07600.	00612	.00020	00000	-4.86010	-8.10510	
610.103	399.940	.99129	.92771	.01067	91028	01263	90001	-4.86689	-8.13339	•••
		RUN NO.	724/ 0 6	RP/L = 4.02						
<b>&gt;</b>	~	ટ	5	C	Շ	N.	లే	CLTALF	CL TB TA	×
190.469	114	70110.	.02945	.00535	10110.	02357	00004	-4.83910	-8.12100	299.84000
199.400	96.786	.00033	.02952	. 51452	.01547	02725	00001	-4.75569	-8.06789	299,64550
400.390	190.660	01037	.03189	. 52184	.00515	02604	00000	-4.76340	-8.12749	299.89550
012.001	379.649	.02036	.92497	.00836	-, 92952	01210	000012	-4.85879	-8.19599	299.91000

(ATU245) ( 03 OCT 74 ) AEDC/VAS28 (1A87) -OIETISI-R/H SRB SEPAR.FROM OVET

E DATA		,	!			3	•	PARAMETRIC DATA	69.409
2690.0009 SQ.FT. XMRP = 1 1290.3000 INCHES YMRP = 1290.3000 INCHES ZMRP = .0100		1258.5000 IN. .0000 IN. 400.0000 IN.	. x x x x x x x x x x x x x x x x x x x			MACH ALPHA CALPH		4.320 FIOR 10.000 BETA 5.200 CBETA .000	
RUN NO. 728/ D		' D RN/L -	4.91						
3		5	ž	Շ	ž	ē	DLTALF	OLTB TA	×
1483		.04932	.03799	08065	-,00636	90000*-	5.18100	3,85040	.50771
	•	.04586	.02422	09566	.00141	00005	5.14750	3.89170	.61087
	-	.54171	.03887	11300	.00043	00005	5.14730	3.90020	.36250
	•	.03679	96800.	11741	01197	-, 900015	5.13490	3.90100	.54585
	-	03394	.51380	13863	-,02007	00006	5.13770	3.89330	.50908
RUN NO. 727/ 5	~	RNAL	4.02						
3	5		H T	Շ	٤	<b>ේ</b>	OL TALF	DL TB TA	×
167	Ġ	.03522	.01403	11772	01915	-,00005	5.22290	3.86940	.88393
	.03	.03339	.01163	13475	01507	00006	5.14650	3.81570	.76994
_	Ċ	.03361	70210	-,14388	01503	90000'-	5.07660	3.85120	.32047
-	8	53451	.91505	13692	01797	00006	5.10880	3.87730	.04336
.11320	.032	ş	.01399	15125	01783	-,00006	5.14890	3.91670	. 59495
RUN NO. 726/ 1)	6	RNA	. = 4.02						
S	5		ş	Շ	C	ਵੱ	CLTALF	CL TB TA	×
01416.	30	116	.01706	14599	-,02014	-,00007	5.17169	3.84360	.43780
D£££0. 6£860.	.03	330	.01617	14902	01910	00007	5.15690	3.89080	.21431
.10179	.03	03396	.91626	14719	01812	-, 50007	5.16470	3.88950	.36845
.19820 .03	.03	03393	.01559	14690	01926	00006	5.15850	3.93249	.43214
. 11811.	6	90260	.01256	15617	01598	00006	5.13490	3.87259	.54091
RUN NO. 7257 S	6 /	RN/L	. = 4.02						
3	3		ð	5	Š	ਭੱ	CLTALF	CLTB TA	×
282	ć	806	01496	14504	02059	-, 00006	5.20669	3.88260	.71284
	3 6	04161	345	15090	01802	90600-	5.17680	3.86280	.60558
•		3	1000	9078	20000	90000	18080	7. A6247	.50175
•		03503	5,500	154:10	01669	95000	5.13620	3.87785	.54468
11824	-	03222	.51176	15732	01571	90006	5.12979	3.91745	.35533
	,	)							

2	REFERENCE DATA	14						PAR	PARAMETRIC DATA	*
į	2690.0000 90.FT. 1290.3000 INCHES	XMRP =	1258.5000 IN.				MACH	и н		
BREF = 129 SCALE =	1290.3000 INCHES .0100	7.46p	400.0000 1	IN. ZS			×	DALPHA = X = 304	3.200 08ETA	11
		RUN NO. 7	729/ O RN/L	1 = 4.02						
<b>&gt;</b>	2	3	5	3	Շ	ž	ਵੱ	DLTALF	CLTBTA	×
19.657		.11909	.04889	.03561	09394	01150	00007	5.26340	3.91680	300.47000
9.572		.19769	.04891	.03100	11025	00419	90000'-	5.15050	3.89870	299,60000
10.591		.58994	.04658	.01634	11644	00303	00005	5.13650	3.89620	300,08000
11.109	199.740	.08149	.03970	.00748	11479	00788	00003	5.13380	3.88340	300.28000
19.665		.10987	.03410	.01416	13715	01970	00006	5.14730	3.88390	300,44000
<b>&gt;</b>	2	3	<b>5</b>	Š	Շ	N.	ਵੱ	DLTALF	CLTBTA	×
100.890		.09396	.04228	.02765	11205	00842	00005	5.18020	3.86169	300.23000
99.500	1.913	.97742	.04128	.02359	12622	00687	00005	5.08240	3.89800	300,28000
199.479		.97825	.03658	.91436	13994	01276	90000:-	5.15179	3.89100	300,46000
96.839	_	.58994	.93512	.01453	13794	01699	-,00006	5,17090	3.97739	300.65000
99.226		.11229	.93343	.51439	14858	51873	-,00006	5.19600	3.93670	300.84000
	-	RUN NO. 7	731/ G RN/L	1 = 4.02						
٠	2	3	5	Š	Շ	Š	ਵੱ	OLTALF.	CLTBTA	×
201.200		.08083	.03559	.02129	14406	01864	00007	5.18080	3.81590	300.39000
200.060		.08290	.03598	.92170	14333	02051	90000	5.20650	3.86950	300.77000
200.350		71960.	.03476	.01762	14324	01975	-,00006	5.15690	3.88279	300.54000
200,739	•	.10523	.03420	.01585	14621	01903	-,00006	5.16400	3.90739	300.57000
200,660		.11763	.03208	.01244	15575	91636	-,0006	5.13850	3.86499	350.51990
	_	RUN NO. 7	732/ 0 RN/L	1: 4.02						
,										
•	•	3	₹	7	ځ	Ž	3	C TAIL	CL TB TA	×

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UZ47) ( 03 OCT 74 )

(ATU247) (	PABANETRIC DATA
SAB SEPAR.FROM OVET	
AEDC/VASEB(IAB7)-OLETIS1-L/H SRB SEPAR.FROM OVET	
<b>a</b>	SEFERENCE DATA

MAGT : 1290.	1290.3000 INCHES 1290.3000 INCHES	4 H H	1236.3000 IN. .0000 IN. 400.0000 IN.	8 2 2			ALPHA CALPHA ×		10.000 10.000 0.000 0.000	PTOTL BETA DBETA	15.800
		RUN NO. 7	734/ 0 RWL	4.01							
<b>&gt;</b> -	~	3	5	3	Շ	Š	ਵੱ	DLTALF	Q.TBTA	<b>*</b>	×
-397.670	-100.360	.07631	.02646	.01093	09600	D2268	+00000	.15610	11608	92	.17675
-397.890	378	15610.	.02773	10010.	11001	02072	-, 90904	.15604	13609	<b>o</b>	.10956
-396.270	99.103	.97613	.02903	.01022	12076	02067	-,00004	17794	12720	5	.23249
-396.350	199.779	.07463	.02793	.00864	12686	02053	-,00004	.15086	12454		.21421
-396.000	399.660	.06474	.02949	.00894	13640	-,00904	00004	.14931	15988	<b>e</b> o	30990
		RUN NO. 7	735/ 0 RN/L	z 4.90							
>	~	3	3	¥,	Շ	ž	ಕ	CLTALF	QLTB TA	<	×
-299.350	-190.529	.06309	.02905	.01500	08637	02446	00005	.18779	10291	·	14242
-399.420	132	.97476	.02886	.01206	09632	02692	-,00004	.13153	06085		.14395
-299.440	100.200	96110.	.92841	.03947	11889	02461	00005	. 12193	11852	~	.23096
-299.690	200.379	.97263	16750.	71900.	13129	02397	00005	.12251	-,19229	6	.11115
-299.000	399.735	.96114	.52944	.00836	14089	51156	90004	.14517	10983	E)	.18268
		RUN NO. 7	736/ 0 RN/L	= 4.01							
>	~	3	5	Ę.	Շ	ž	ਵੱ	CLTALF	CLTBTA	<	*
-197.500	-99.635	.03050	.02826	.01566	06629	02151	00004	.13493	16821		.15566
-196.450	224	.06805	.03006	.01380	07088	02431	-,00004	.14907	11203		.34910
-199.010	99.653	.07486	.03390	.91162	10386	96920'-	00005	.14575	19574		.14964
-196.720	199.750	.97133	.03320	.99721	13343	02998	-,99965	.1555	11828		.16958
-196.629	399.550	.95469	.52961	.00770	14595	01469	00004	.14794	11924	•	44014
		RUN NO. 7	737/ 0 RNA	4.01							
<b>&gt;</b>	~	3	5	S.	Շ	ž	ਭ	CLTALF	CLTBTA	•	*
-90.623	-100.500	.92539	.02033	.01179	94931	01366	99902	.13315	19739		.25435
-97.465	653	26820.	.02089	.00682	03289	01182	00002	.11499	15090		.22482
-173,049	276'96	.97264	50750.	.01166	07342	01534	00003	.25169	.01186	<b>.</b>	.22914
-97.770	199.680	.:6975	.03530	.00809	12154	92687	00005	.13997	12971		.27267
-98.054	339.770	.04593	.52959	.95611	14757	91771	10000	.13759	19982		25724

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1487 TABULATED SOURCE DATA

## (ATU248) ( 03 OCT 74 ) AEDC/VA528 (1A87) -OSETIS1-L/H SRB SEPAR.FROM OVET

SCALE : 2690.0000 1 SCALE : 1290.3000 1 SCALE	30.FT.  10.ES  10.ES  10.ES  0.220  0.220  0.220  0.220  0.220  0.610  0.520  0.620  0.620		1256.9000 IN. X	1. 75 1. 75	CY 07911 09996 12323 14042 14042 05533 07057	CYN 02380 02380 02385 02613 01435 01764 01764	MACH ALFHA CALPHA X X CBL 00004 00005 00005 00005 00005 00005	= 10 = 302 = 302 -15184 -15184 -12733 -12387 -14349	4.520 PTOTL 10.000 BETA 200 CBETA 300.000 300.000 414036 30 711235 30 705406 30 910912 30	TL = 60.400 A = 15.600 TA =100 X X 3:00.21000 3:00.12000 3:00.12000 3:00.12000
		CN NO. 74 CN .07126 .07125 .07125 .07125 .07125 .07126 CN .05671	2949 2523 2533 295 2963 2963 2963 2963 2963 2963	" " " " " " " " " " " " " " " " " " "	CY 07911 09996 12323 14042 14042 05533 07057	CYN 02360 02395 02613 01435 01435 01764 01576 01576	CSL 00004 00005 00005 00003 00003	01.7ALF .15184 .12733 .12387 .14349	CLT81A140361123507588064061091210912109121091210912	x 399.21000 399.12000 399.12000 399.12000 399.16000
			25.23.23.25.25.25.25.25.25.25.25.25.25.25.25.25.	}	07911 09996 13322 14042 05933 05933	02380 02380 02385 02613 01435 01764 01764	00004 00005 00005 00005 00005 00005		14036 11235 07588 06406 15912	399.21000 399.12000 399.12000 399.16900 X
			22.13 22.13 22.33 29.53		05911 12323 13322 14942 05533 05533	02395 02395 02613 01435 01435 01764 01576	90008 90008 90003 90003 90003	14527 12367 12367 14349	11235 07588 06406 15912	399.12000 399.12000 399.12000 399.16000
•			25.33	999 " 9999	12323 13322 14042 05533 07057 10051	02395 02613 01435 01435 01764 01576 01576	00003 00003 00003 00003	.12367 .12367 .14349	07588 06406 15912 15914	300 - 09000 300 - 12000 300 - 16000 X
•	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		25.36	88	13322 14942 05533 07057 10051	02613 01435 01435 01764 01576 01576	00003 00015 00015	.14349 .14349 DLTALF	15912 15912 DLT8TA	399.12000 399.16900 X
•	.571 .571 .525 .070		2962	g " Pagg	CY CY 08533 10057	51435 CYN 51764 01576 01688	-, 20003 -, 20003 -, 20003	.14349 DLTALF	CLT8 TA	399.16000
	.571 .536 .738 .620 .079		293 295 3019		CY 05533 07057 10051	CYN 51764 01576	GBL :00003	OLTALF	DLT8TA	×
	7 99.571 .536 99.723 97.620	CN .05671 .07396 .07674	CA .02297 .02560 .03019	.01091 .01091 .01934		CYN 01764 01576 01688	CBL 99903	OL TALF	DLT81A	×
	. 536 . 536 . 536 . 523 . 620 . 620	.07506	.02597	.01091	05533 07057 19051	01764 01576 01688	90003		122 L	-
	.536 19.723 97.620 99.670	.07396	.02560	.01153	07057	01576		.14145	13338	500.42000
	723 97.620 99.670	.07674	.03614	.01153	10051	01688	00003	.11769	18586	300.12000
	97.620 99.670		1,3614	1000			+,00004	.15322	10517	300.31000
	99.670	.07468	1.000	2667	12951	02438	90005	.22691	05222	300,20000
		11780.	.02984	.00593	14697	01823	00005	.13997	11169	300.26000
	•	RCK 10. 73	739/ 0 RN/L	4.00						
	~	3	3	C.	Շ	ξ	ਵੱ	CLTALF	OLTB1A	×
	02.070	17880.	.01579	21600	04113	01135	00003	.29971	06460	300.35000
	-1.276	60990	.01892	90900	04882	90787	-,0000	.14537	16491	300.30000
	96.520	.97272	.92372	60,600	00163	00913	00003	. 18679	04575	300.25000
	199.750	.07519	.02966	.01542	11238	01584	<b>P0000'-</b>	.14317	13194	399.31999
-190.027	399.570	.04759	.03273	.00372	15251	02259	0000\$	.14306	11487	399,12990
	£	AUN NO. 73	738/ 0 RH/L	± 4.90						
•	~	3	3	E.	ځ	Š	ਵੱ	CLTALF	OL TB TA	×
78.78-	-96.914	\$9610.	11810.	.00506	02671	00723	00002	.00100	11754	300.18000
		.95357	.91428	.00601	02706	00774	00001	11967	12473	299.97000
	99.697	.97133	.51882	.00699	06306	07633	20000	.13769	19797	300.31000
	199.769	.07128	.92451	\$9600.	10052	01166	00004	.13976	15292	300.37000
_	399.760	.03759	.03679	.90169	15475	52533	0000\$	.13762	11957	399,12990

(ATU249) ( 03 OCT 74 )

## AEDC/VASE@(IABT) -OIETISI-L/H SRB SEPAR.FROM O/ET

	REFERENCE DATA	17.4						PAR	PARAMETRIC DATA	<b>1</b> 4
SAEF : 2695. LAGF : 1290. SCALE : 3290.	1295.0000 58.FT. 1295.3000 INCHES 1296.3000 INCHES		1258,5000 IN. XS 10000 IN. YS 2000,000 IN.	17. 75 17. 75 17. 23			ALPHA VALPH	" jö 	4.520 PTG 10.000 BE 5.200 DBG	PTOTL = 60.400 BETA = 15.600 DBETA =100
		EN NO.	742/ D RN	RN/L = 4.01						
٠	~	ટ	3	<b>1</b>	Շ	ž	ಕ	CLTALF	DL 78 TA	×
-396.640	-99.881	.11631	.03441	92410.	10465	01861	-,00005	5.14040	16311	300.33000
-396.780	256	.12092	.03713	78710.	12268	01925	•.00000	5.15990	11249	300.22000
-397.419	98.457	.12203	.03758	.01623	13588	02573	•.0000	5.20780	15469	300.23000
-396.750	199.660	11915	.03494	.91210.	15597	02627	90006	5.14880	11890	300,06000
-396.000	399.650	.19165	\$0280.	.01346	14779	-,01085	-,00005	5.14890	12885	390,43999
		S NO	7437 9 RN/L	n= 4.91						
-	~	ž	5	3	Շ	ž	ಕ	DL TALF	CL TB TA	×
-296.900	-100.540	71501.	.02759	22216	07955	01114	00003	5.15519	-,19692	300,36000
-299.590	-: 351	.11127	70060	.01479	19110	00934	*.00004	5.18890	11125	300.34000
-296.790	99.795	.12031	.03658	.01738	12218	91417	00006	5.15179	12587	300,04000
-290.450	199.750	.11884	.03950	.01423	14946	0267 <b>2</b>	00006	5.14980	12653	300.13000
-296.930	399.470	.09525	.03:64	.01263	15191	01 562	•.0000	5.15500	10943	350,34900
	-	RUN NO. 7	744/ D RN/L	L = 4.01						
•	~	8	5	Ğ	Շ	ક	ĕ	OLTALF	2,787A	×
-197.983	-90.04	.08984	.02054	389CC	94963	99500	00002	5.08640	11566	300,06000
-196.665	376	.79841	.02311	.01036	06190	07215	00003	5.15190	11261	300.25000
-190.930	99.541	.11129	.92794	.01282	19541	00595	99954	5.14800	19763	300.22000
-196.550	199.690	.11675	.03534	.01629	13465	01439	-,00005	5.15220	11233	390,27990
-200,960	400.050	.48729	.03325	.01018	15443	02185	90000	5.19329	51397	390,04990
	•	7	745. 0 AN/L	T 4.00						
•	2	ટ	3	r C	Շ	Č	Ą	CLTALF	Ct. TBTA	×
-96.497	-90.223	.06641	.01732	.90346	92632	-,00292	90902	5.05860	14721	299.73000
-\$6.196	274	91866.	2910.	.00711	96236	61000	-,00002	5.14519	11398	300.41900
-101.920	28.447	.19451	.02226	99666	9458	56359	-,00004	5.18410	01898	300.57000
-192.429	692 961	.11249	62938	.01332	12993	9789	90903	5.19819	.90373	396.51900
-99.017	399.690	.58128	.03749	.00622	15361	02678	00006	5.14525	19678	399,16999

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(ATURS1) ( 03 OCT 74 ) PARAMETRIC CATA AEDC/VASZB (1A87) -OLETISI-L/N SRB SEPAR.FRON O/ET

PARAMETRIC CATA	MACH = 4.520 PTOTL = 69.463 ALPMA = 10.009 BETA = 15.699 CALPMA = -4.999 CBETA =199 X = .009
REFERENCE DATA	140-FT, XDRP = 1258-5000 IN, XS INCHES YMPF = ,0000 IN, YS INCHES ZMRP = 400.0000 IN, ZS
REFEREN	#### = 2640,0000 Se 1.6.6 = 1240,3000 IN 84.6 = 1240,3000 IN

## RUM NO. 750/ 0 RN/L = 4.51

×	.42598	.30008	
0, 18 TA	10375	11009	
DLTALF	-4.86449	-4.86499	
ਵੱ	-,00005	<b>*</b> 0000	
ž	02075	02168	
Շ	08764	13985	
*J	00100	90166	
5	57080.	.02721	
3	.03402	.01299	
~	159.725	399.749	
>	-96.476	-90.676	

## (ATU252) ( 03 OCT 74 ) AEDC/VAS28 (TABT) -OIETISI-L/M SRB SEPAR.FROM OVET

MED EMENCE CAIA		PARAFEIRIC DAIA	
	SOM IN. XS	4.520 PTOR. =	00
LINER = 1290.3000 INCHES YMBP = .0000 IN. YS	DODO IN. YS	ALPHA = 10.000 BETA = 15.000	S
INCHES	2000 IN. 25	-4.9% C8ETA =	9
אכאונ ב יטוטי		x = 300,000	

~	3	5	ð	S	Ē	ŧ	Q.TALF	D. 181A	
\$3.751	96040.	.03050	.99547	09613	02015	<b>10000</b>	-4.84910	12690	2
200.560	.03696	.03040	.00354	11560	C2604	00003	-4.86280	121.59	2
	2 99.751 200.960	CN .04086 .03696	CA CA Sector 38680.	CN CA CA CLM OAGGE .03030 .030	CN CA CA CLM OAGGE .03030 .030	CN CA CLM .040 <b>86</b> .03050 .00547 .03696 .03048 .00354	CN CA CLM CY09613036960364603546035411560	CN CA CLM CY CYN .04046 .03050 .005470981302815 .03696 .03048 .003541156002604	CN CA CLM CY CYN CBL. 34046 .03050 .00547096130261500004 .03696 .03544115600260400005

×	300.19000	300.35000	300.20000		,	<	300,47000	300.17000	390,14900
			11943					19821	
OLTALF.	-4.84910	-4.86280	-4.85419		2	֝֝֟֝֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֓֓֡֓֓֡֓֓֓֓֓֡֓֡֓֓֡֓	-4.85000	-4.85560	-4.81980
đ	<b>+</b> 0000	-,00005	-,00004		•		ooo	00004	-,00004
Ē	02015	02604	P1610'-		Ę	2	02203	02719	02290
Շ	O9A13	11560	12589		2	;	97134	19342	13193
ż	. 99547	.00354	.02215	RHVL = 4.00	<b>3</b>	5,	. 97593	.00453	30000
5	08080	.03048	.02686	7537 S RM	3	ţ	<b>299.7</b> 0.	.08130	.02602
3	. 545 <b>96</b>	.03696	.02789	RUN NO. 7	ē	5	104401	27680.	.02354
~	\$5.751	200.960	369.170		•	•	29.66	199.960	200.000
>	-396.500	-396.360	-300.950		•	•	-236.520	-200.049	-297.200

•	•	3	;	;	;	į	į	i	1	1
•	•	5	5	5	5	2	5	3	Z 0 7	×
-200.450	28.8E	19696	91610	<b>18</b> 00:	05150	91413	00003	-4.86570	-, 05898	399,47900
-186.349	13.673	.04445	75682	. 90487	06503	01841	00003	-4.85415	12853	300.06000
-100.677	34.630	.61710	.63196	90232	13624	02673	90908	-4.85560	11837	305.12000
		RUN NO. 7	'51' 5 RN/L	ハ= 4.99						

RN/L = 4.01

RUN NO. 752/ 0

×	349.17/90	3190.225999	300.48005
CL TB TA	19691	98967	00009
SLTALF	-4.86/3/1	-4.86247	-4.91279
é	50002	0000	-, 499915
CYN	01053	01392	92916
Շ	03296	07095	14959
3	.00622	26700	90553
3	.91374	.02075	.03593
3	.93775	.94470	.01039
~	<b>3</b> .74	199.050	430.819
•	-90.071	- 48.517	-104.021

•

()

-397.520 -397.940 -397.940 -397.470

200 : 100 :

5.69390 3.69390 3.94570 5.86930 3.87670 5.914 85 3.914 85 3.879 60 3.978 75 3.977 75 0,124,F .12463 .13662 .10305 .10666 DLTALF .14937 .14975 .13722 .14321 CN -.02704 -.03712 -.03429 -.03429 CYN -.01525 -.01546 -.01960 -.03244 -.02047 CY -.07421 -.07328 -.11669 -.16768 -.19686 CY -.06223 -.03717 -.06266 -.15464 -.19605 #W. = 4.01 CUN .9224 .91447 .91148 .90514 CCM -01355 -01352 -01169 -05609 CA .01999 .01915 .02662 .03623 CA .02767 .02952 .63371 .03601 RUN NO. 758/ 0 CN .03234 .06753 .05202 9.00707. -190.190 -1198 -1198 189.881 189.881 2 -199.449 -18.080 -18.370 -18.380 -18.380 

EV = 4.01

RUN NO. 757/ 5

-200.380 -300.380 -300.030 -290.110

24734 .37652 .41562 .09300

x .19710 -.03536 .07920 -.04592

.04047 .07514 .07762

-1.97e 105.010 199.930 896.770

(ATU254) ( 03 OCT 74 ) PARAMETRIC CATA REFERENCE DATA

SCALE = 1295.3000 SCALE = .9100	1299.3000 INCHES	ii diga.	400.0000 IN.	. S2 .:			CALPHA X		200 DBETA 200.000	TA = 3.900
		RUN NO. 762/ 0	7627 0 RN/L	1 = 4.91						
>	~	3	5	ž	ځ	Š	ತ	CLTALF	CL TB TA	×
-397.700	-150.219	.96661	.02928	.01503	09093	03270	\$0000:-	.15461	3.65310	399.35993
-399.000	427	.08357	.03259	.51130	11479	03113	3005	.13591	3.89330	300.46000
-420.320	100.035	SAPOS	61357	29010	14946	02922	90000:-	.14322	3.90490	359.51668
-450.940	200,649	98840.	43574	PO900	12011-	03033	00056	.11109	3.93670	300,39000
-396.865	399.630	.06698	.03303	.60563	18979	01649	00005	.14679	3.88530	300.26000
		. O	7617 9 RN/L	16.4 = 1						
٠	~	3	3	Ŋ	5	Š	ਵੱ	OLTALF	Q. TB TA	×
-207.360	-43.279	.04666	.02223	19210.	06764	02277	-,00004	.13924	3.64780	390.23000
-255.290	.655	.07529	.02481	1,00974	07416	02401	-,00003	.12560	3.83670	390,07000
-200.200		.08432	.03105	99010.	12425	02134	+:000C-	.15314	3.91370	300.41000
-296.840		\$9000.	.03801	71010.	16247	-,02030	00000	14494	3.64790	300.33000
-897.3853	280.250	91000	.03333	.00424	1967	02247	•.00006	. 19465	3.81540	299.87000
		RUN NO.	760/ D RWL	L = 4.01						
•	~	3	3	5	Շ	Ē	ਵੱ	DLTALF	CL TB TA	×
-201.20	-178.200	.02400	00010	01034	09067	01493	-,00002	78013.	3.97000	300,79000
-180.725	-2.329	91880.	76510.	00010	94470	01443	00002	15291.	3.87740	39n.11999
-103.260	<b>800.8</b>	96000	.02369	96400	09602	01324	00003	.15286	3.95940	300.29000
-180.250	199.050	90000	.03219	.01111	14751	51746		.13996	3.88540	390.02030
-196.350	399.750	.04606	.0370	15102	-,29496	02678	0000	.14965	3.87470	350.28500
		RUN NO. 7597 0	158/ 0 RML	L = 4.91						
>	~	3	5	<b>1</b> 0	ځ	£	ŧ	Q.TALF	St. TB TA	×
-49.014	-97.204	.90746	01210.	.00594	03475	00033	10000	.04584	3.83680	299.96000
-1.36	33.	24950	.01266	18606	03156	90600*-	- ,00002	02770.	3.85760	299,80000
-99.025	\$5.776	.06969	05010.	0.00970	97776	00796	0000	135.14	3.69670	300.24000
-10.173	199.769	.07770	0.0520	.00973	13010	n1526	-,00004	.13263	3.97370	390.3396.

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IABY TABULATED SOUNCE DATA

(ATUR55) ( 03 OCT 74 )

	12 00 0000 0000		1 0000 3041	,			O S		4.520	PTOTL = 60.400
			0000				157	•		
		-		2			X CALPT		300.000	DBC7A = 3.900
		RUN NO. 765/ 0		RM. * 4.00						
•		5	5	, d	t	Ē	ŧ	DLTALF	DLTBTA	
- 306.090	-809	.11963	.03476	.01619	12550	02447	0000	9.12050	3.65230	
-386.980	. X	.12154	17780.	.0105	19083	02334	90000'-	9.15770	3.06320	
-396.010	C14.8	.1856	19090	17910.	17233	02789	10000.	5.15720	3.86900	
-396.490	199.030	.12563	.03639	.01247	19470	03092	10000	5.16040	3.67550	
-384.990	398.800	.09973	.03546	.91419	19963	91301	10000	5.14910	3.29660	0 300.15000
		NUM NO. 7	7647 9 RM	L = 4.01						
•	N	5	3	ž	ځ	Ē	ਵੱ	OLTALF.	D. TBTA	×
200.000	-100.349	1989	76920	91110.	00075	31610		5.14870	3.89560	A 300.19000
-300.340	-1.70	.11636	\$0280.	.01461	127!Y9	01144	0000	5.20019	3.84250	0 300.43000
- 24.43	\$.737	12397	.03609	.01725	15414	01603	• .00000	5.15245	3.67570	
-536.339	199.660	.12560	07270	.01530	19064	02692	•00000	5.15915	3.86930	
-500.000	346.500	X160.	19860	90816	20437	01874	90000	5.14840	3. Ref 97	0 300.5000
		7. O N	7657 9 BM	10.4 = 1						
•	~	5	3	3	გ	Ē	ಕ	DLTAL!	OL TO TA	×
-197.290	-10.46	.07664	.01 eSe	.00003	04624	01171	0000	S.OPAZO	3.91690	
-199.380	. 233	1,0073	.02336	.00e56	09914	99457	0000	5.1.3	3.89610	
-196.893	8.900	.11420	.02057	32410.	13770	-,99730	-,0000	5.15000	•	
-196.670	199.745	.12399	62780.	.01655	17716	01552	90000*-	5.15060	3.90590	•
-201.500	405.920	3K 190.	.0364	.0104	647	02591	90000*-	9.10570	3.93955	300.17000
		9	786.0 BM	٦ - 4.0						
•	*	3	5	5	5	Ē	ਵੱ	CLTALF	Q. 18 7A	×
-80.747	-100.849	.03995	20810.	18700.	93240	00314	0000	3.12690	3.89749	
11.01	230	57180.	50410	61910	06003	00000		5.13260	3.90360	
-173.969	348.00	87901.	.02379	\$6616.	12104	00463	-,00004	5.18360	4.91990	
-18.231	199.643	.11650	29160.	.51344	17143	90697	<b>9</b> 3066 -	3.12660	3.69120	
-11.23	38.80	9770.	97676	.00520	1937	03149	Times.	5.14473	3.09165	5 350.09500

## AEDC/Y..528 (1A87) -OLETISI-L/H SRB SEPAR.FROM QVET

(AT12256) ( 03 OCT 74 )

PARAMETRIC DATA

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ú	5	
9	í	
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SREF : 2690. LREF : 1290. BREF : 1290. SCALE :	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES	XMRP = ZMRP = ZMRP = E	1256.5000 IN. .0000 IN. 400.0000 IN.	IN. XS IN. YS IN. ZS			MACH ALFHA DALFHA X	11 11 11 11 -	4.520 PT 10.000 BE 5.200 08	PTOTL : BETA :	60,400 15,800 3,900
		RUN NO. 7	779/ 9 RN/L	L = 4.91							
<b>&gt;</b>	2	3	ð	Ð	Շ	Š	ಕ	DLTALF	CL TB TA		
-396.220	-190.470	.12172	.02989	.01678	13698	02726	09006	5.14500	3.82300		. 58668
-399.850	489	.12569	.03213	.01650	15766	02586	90000*-	5.15880	3.89580		.39334
-400.450	199.119	.12825	.03262	.01456	17370	02796	90000*-	5,13030	3.93000		34916
-398.510	399.670	.12437	.03423	.01146	19306	02220	-,00007	5.11479	3.83840 3.89100		.21327 .66656
		RUN NO. 7	769/ 0 RN/L	"							
٠	~	3	3	Š	Շ	Š	ಕ	CLTALF	CLTBTA	_	
-297.710	-99.915	.11322	.03008	.01859	10648	03392	-,00005	5.14350	3.91569		.07345
-296.280	436	.12151	.03413	.01772	14344	02819	90000*-	5.17979	3.82479	•	01644
-297.230	98.506	.12677	.03516	.01596	17518	02872	70000	5.21880	3.85719		.33686
-298.190	199.690	.12387	.03438	.01179	19772	02738	00006	5.15369	3.87179		.23957
-297.490	396.780	.19915	.93458	.91558	18771	01274	(3000)	5.18590	3.81799		.62942
		RUN NO. 7	768/ 0 RWL	L = 4.91							
<b>&gt;</b>	~	3	<b>ರ</b>	C	გ	٤	ಕ	<b>CLTALF</b>	C: TBTA	-	
-196.240	-199.069	.09651	.03023	.01813	[16804	02944	-,00004	5.12530	3.87920		.04435
-200.170	-1.291	.11526	.03481	.01739	11678	02278	00005	5.15930	3.86670		.58867
-203.300	99.525	.12514	.04034	.01588	16457	02611	00007	5.14360	4.01039	•	1.25330
-196.460	199.650	.11864	.04064	.01160	20353	03191	00008	5.13710	3.87990		.70605
-196.830	399.420	.09419	.03437	.91451	18864	01687	00007	5.15320	3.89250	•	1.55815
		RUN NO. 7	767/ D RN/L	L = 4.90							
٠	~	3	ర	Ę	S	Š	ෂ්	CLTALF	CL TB TA	×	
-13.173	-96.932	.04968	.02168	.01422	03565	01696	00003	5.11490	3 98565		94425
-99.300	676	.09932	.02537	.01034	07113	00750	00003	5.12800	3.92120		.67431
-100.110	99.186	.11859	.03201	.01583	13782	01088	00004	5.13190	3.94110		.81537
-99.979	199.090	.11586	.94344	.91383	19782	02834	-,00008	5.12630	3.89930		.35438
-99.278	399.470	.09063	.03423	.91119	18742	02067	-,50007	5.14815	3.88930		. 59965

DATE EG MAY 75	_			1487	1A87 TABULATED SOURCE DATA	COURCE DATA				PAGE	467
			AEDC/VA5	28 (1487) -01	ЕТ181-L/Н S	AEDC/VAS28 (1A87) -OLETISI-L/H SRB SEPAR.FROM O/ET	ON OVET		(ATU257)	( 03 OCT 74	~ 2
	REFERENCE DATA	,TA						PAR	PARAMETRIC DATA		
SAEF = 2690.000F LREF = 1295.3000 BAREF = 1295.7000 SCALE = .0100	.0900 SQ.FT. .3990 INCHES .3999 INCHES	XMRP = ZMRP = ZMRP = =	1258.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	.9000 IN. XS .0000 IN. YS .0000 IN. ZS			A G A F	MACH = 12. CALPHA = 12. X	4.520 PTOTL 10.000 BETA -4.900 DBETA .000		60.400 15.800 3.900
		RUN NO. 7	771/ 0 RN	RN/L = 4.00							
>	2	3	ð	Ę	Շ	ž	ಕ	DLTALF	CLTBTA	×	
-398.420	196.995	.04474	.02613	.00554	12180	03292	00005	-4.81090 -4.82690	3,91100	.10406	
199.390	399.670	.03373	.02961	.00207	16739	02022	00005	-4.85510	3.89970	17085	
		RUN NO. 7	772/ D RN/L	L = 4.01							
>	~	3	5	Ð	5	Š	<sub>ව්</sub>	CLTALF	CLTBTA	×	
-299.660	99.593	.03689	.02671	.00865	10658	03827	-, 90006	-4.81769	3,93875	07064	
-299.890	291.079	.04686	.92478	.00133	13261	03606	000015	-4.92230	3.89110	. 51605	
-298.555	399.720	.03028	.02968	96000	17150	02253	90005	-4.85690	3.88420	.45596	
		RUM NO. 71	773/ 9 RN/L	'L = 4.03							
<b>&gt;</b>	2	3	ర	5	გ	Š	ಕ	CLTALF	OLTB TA	×	
-199.000	99.923	.03582	.02986	62600	08471	03597	00003	-4.86819	3.90580	.03909	
-199.240	199.980	.94465	.03113	.00142	12316	94196	-,00005	-4.86369	3.88730	.05714	
-2-0.739	490.639	.02276	.03984	00028	18052	52339	00005	-4.88390	3.92240	.13787	
		RUN NO. 77	77-1 0 RN/L	1 = 4.03							
>	2	3	ర	Š	Շ	Š	ਵੱ	CLTALF	CL TB TA	×	
-99.863	99.553	.02907	.52201	.01148	05688	02231	- 09093	-4.87910	3.93680	.15733	
-99.020	200.019	.54145	.03105	96500*	19794	03774	-,00005	-4.90330	3.89710	24695	
-99.479	399.820	.01320	.03035	00353	16798	02622	90005	-4.86640	3.90380	.01689	

ORIGINAL PAGE IS OF POOR QUALITY

( 03 OCT 74 )
(ATU258)
EPAR.FROM OVET
-OIETISI-L/H SRB SEPAR.FROM OVET

	REFERENCE DATA	174						PARA	PARAMETRIC DATA	4
SREF = 2690 LREF = 1290 BREF = 1290 SCALE =	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP YMRP 11 11 11 11 11 11 11 11 11 11 11 11 11	1258.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	N. XS N. YS N. ZS			ALPHA SALPH X		4.526 PTOTL 10.006 BETA -4.990 GBETA 300.000	PTOTL = 60.400 BETA = 15.800 CBETA = 3.900
		RUN NO. 7	778/ D RN	RN/L = 4.01						
<b>&gt;</b>	2	3	5	CLM	CY	CYN	CBL	DLTALF	CLTBTA	X 300.25999
-398.920 -398.920 -398.910	99.805 201.060 399.750	.04275 .04275 .03196	.03093 .03191 .02986	55000. 10000.	11264 14588 16959	03332	00005	-4.90559 -4.85690	3.88030	300.67000 300.30000
		RUN NO. 7	777/ 0 RN/L	7 = 4.01						
*	^	3	3	W TO	Շ	Š	ខ	DLTALF	CLTBTA	×
-298.770	99.748	.54781	.02695	.00654	07971	03038	+00000	-4.85069	3.88810	300.41000
-266.950	200,039	.04975	.03325	.00314	12734	03376	00005	-4.85730	3.89030	300.27000
-296.400	399.785	.02864	.93919	00163	17674	02807	00005	-4.85619	3.88020	399.47999
		RUN NO. 77	776/ 0 RN/L	r = 4.99						
>	2	č	ð	ð	გ	Č	ಕ	CLTALF	Q.TBTA	×
-201.620	99.615	.04095	.91847	58700.	05733	01954	00003	-4.85320	3.98525	300.46000
-199.190	199.865	.05369	.02719	56000.	10309	02508	00003	-4.85690	3.87590	299.965/30
-199.560	399.830	.01939	.93474	00533	18358	-,63235	00006	-4.86919	3.89030	299.94000
		RUN NO. 77	775/ D RNJ	RN/L = 4.02						
۰	~	3	3	M)	გ	Š	ਵੱ	CLTALF	CLTBTA	×
-99.644	99.743	.02945	.01337	.00918	04646	01326	200000-	-4.87100	3.90320	300,09000
-99.771	199.980	.04796	.02054	. 90634	08888	01846	-,00003	-4.87339	3.92240	300.30000
-99.665	399.370	.61199	.03800	00752	18622	03489	-,00006	-4.84739	3.90050	350.12000

### AEDC/VAS28 (1A87) -01E11S1-L/H SRB SEPAR.FROM OVET

_		888
KT 72		60.400 15.800 7.900
80		11 11 "
(ATU259) ( 03 OCT 74 )	DATA	PTOTL BETA OBETA
(ATUES	PARAMETRIC DATA	4.520 10.000 .200
ħ	-	MACH = ALPHA = CALPHA = X
AEDC/VASZB (IAB7) -OIETISI-L/H SRB SEPAR.FROM O/ET	REFERENCE DATA	SAEF = 2690.0005 94.FT. XMRP = 1256.5000 IN. XS LREF = 1290.3000 INCHES YMRP = .0050 IN. YS BAEF = 1290.3000 INCHES ZMRP = 405.0050 IN. ZS SCALE = .0150

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57 1416	į
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•	•	ð	5	ž	Շ	Š	ਰ	DLTALF	CLTBTA	×
	470	70190	78760	01870	12989	04006	10000	.15181	7.88310	.11532
DOM: 000	1001		61960	01110	14667	07770	0006	19693	7.92420	00351
286.135	169	10000	61000	30010			90000	1736	7 04780	A1780
399.373	99.348	29060	12626	D. REAL	17.30	30000	2.7.7.7.	3		
399.360	199.945	.08584	.03389	.00791	21068	02929	00006	.15511	7.86295	13786
399.300	399.730	.06895	.03679	.90742	24049	01627	90000	.14801	7,89000	.23505
		RUN NO. 7	780/ 0 RN/L	L = 4.01						
>	•	3	5	Ð	Շ	Š	ਵੱ	CLTALF	D.TBTA	×
- 000	-06 774	74077	12A73	1000	11096	04092	70000	.15483	7.88549	29373
000.000	*****	1000	2866	717.10	10013	04682	0000	.11836	7,98530	.32787
101 620	400.	12000	03040	DOM TR	15991	04193	90000	.08235	7.89150	.39869
331.000	200.000	1,08634	03193	01200	20753	03555	-,00007	.11322	7.87179	.28186
-300.710	399,660	.06205	.03708	96900	24828	51834	00007	.14793	7.91159	.36881
		RUN NO. 7	781/ 0 RN/L	L = 4.01						
•		ð	5	ð	Շ	ž	<del>ව</del>	CLTALF	OLTBTA	×
	91.	0.544	F0700	57600	09548	03153	99005	.10231	7.85400	04762
	0000	08190	.0283B	71995	08724	03596	90006	.11961	7.91850	.17311
	66.00	08490	92550	02210	13018	77950	00006	.11559	7,92000	06690
20.62	20.00	08681	03724	0.00	1988	04062	70000-	.12546	7.89720	.30661
-199.419	400.560	174968	.03749	26900	25483	0204B	70000	.12610	7.94350	.48578

(ATUE 60) ( 03 OCT 74 )

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	REFERENCE UNIA	<u>r</u>									
SREF = 2690 LREF = 1290 BREF = 1290 SCALE =	2690.0000 98.FT. 1290.3000 INCMES 1290.3000 INCMES .0100	XXXIII XXXIII XXXIII	# 1258.5000 IN. # .0000 IN. # 400.0090 IN.	IN. XS IN. YS IN. 2S			MACH ALPHA CALFHA X		4.520 P1 10.000 B6 .200 C6 300.000	PTOTL = BETA = CBETA =	69.400 15.899 7.999
		RGN NO.	784/ 0 RN	RN/L = 4.01							
>	~	3	đ	CLM	Շ	N.	ĕ	OLTALF	CL TB TA		
-394.775	-100.100	.05755	.02915	.01708	10550	03954	90000*-	.15196	7.86320	00056.662 (	8
-401.485	680	.08734	.03214	.01154	12251	04191	-,00005	.13024	7.95300	390.31999	8
-401.125	190.979	.08986		.00948	17737	03518	90000*-	.13113	7.86800	390.54990	8
-401.790	200.170	.08396		.00884	20987	03513	-,00008	.12934	7.94010	300,49000	8
-399.700	399.580	.06903	·	.00517	24478	02289	900000*-	.14467	7.89870	300.11000	ð
		الگا الگا	783/ 0 RN/L								
۰	~	3	ర	3	Շ	Š	ਵੱ	OLTALF	OL TB TA	×	
-296.340	-96.475	.03644	.02251	.01514	07798	02780	-,00004	.11167	7.83760	299.94000	8
-295.200	662.	.06819	.02405	.01388	07853	03105	+,0000	.16129	7.81850	299.35000	8
-300.296	727.66	.09478		.00889	-,14326	02893	-,00004	.15293	7.91730	399.21000	2
-299.880	199.920	.08576	-	.01130	20413	03154	00007	.14294	7.90080	390,05000	£
-298.779	399.640	.96225	•	.00362	25455	02645	00007	.14721	7.87940	300.31000	S.
		RUN NO. 782/ 0		RN/L = 4.91							
<b>&gt;</b>	~	3	5	3	Շ	Š	ਲ	DLTALF	OLTBTA	×	
-200.220	-100.430	.01308	.01481	79600,	06341	01725	00002	.14164	7.92610	300.181.70	Q
-199.600	140	.04699	.01557	.71399	05508	01631	00003	.13945	7,90400	300.10000	£
-199.110	699.66	.08789	.02342	.00868	19765	01935	00003	.12899	7.88350	300,04000	₽
-199.060	199.840	.00002	.03502	.01111	18205	02276	00006	.13909	7.87740	299.95000	•
-199.870	399.010	.04754	.04152	.00077	26432	03039	00007	.14039	7.88767	299.87000	9

DATE EG HAY 75				1487 1	IABT TABULATED SOURCE DATA	JURCE DATA				PAGE 471
			AEDC/VASE	9 (TAB7) -01E	:T1S1-L/H SI	AEDC/VAS28 ([A87) -O!ETISI-L/H SRB SEPAR.FROM O/ET	¥ o/et		(ATJ261)	( 03 OCT 74 )
	REFERENCE DATA	<b>*</b>						PARA	PARAMETRIC DATA	•
SREF = 2690.0050 LREF = 1290.3500 SREF = 1290.3505 SCALE = .0150	.3000 50.FT. .3000 INCHES .3000 INCHES	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1258.5000 IN. ,0000 IN. 400.0000 IN.	x x x x x x x x x x x x x x x x x x x			MACH ALPHA DALPHA X	~	4.520 PTOTL 10.090 BETA 5.209 CBETA 300.000	TL = 60.400 A = 15.600 TA = 7.900
	_	RUN NO. 71	785/ 0 RN/L =	L = 4.00						
7 -367.650	28.360	CN .12419	CA .03401	CLM -01501	CY 12911	CYN 03518	CBL00004	5.12120	DLTBTA 7.92740 7.89390	x 299.91000
-300.340	318	13000	.04221	.01766	25860	03107	00007	5.15270	7.89000	300.12000
- 396.629	199.850	13239	.03925	.01387	24094	03449	00007 00007	5.15710	7.87450	390.15000 390.23900
		RUN NO. 72	786/ 0 RN/L	L: 4.90						
•	•	3	5	¥,	Շ	Š	ಕ	CLTALF	OLTBTA	×
-299.820	-100.379	.09479	.02588	.01509	07938	02719	-,00004	5.14620	7.91120	300,2000
-299.360	227	.12472	.03319	.01153	15066	01472	00004	5.15280	7.88980	300.60000
-298.619	99.871	.12588	.03824	.01863	19079	01953	20000	5.15140	7 87320	300.04020
-298.750	199.650	.13179	.03933	.01662	25914	02255	00007	5.03390	7.81125	299,82000
		RUN NO. 7.	787/ 0 RN/L	L = 4.01						
,	,	3	5	Ş	ò	S.	<sub>ේ</sub>	DLTALF	OLTB TA	×
-197.620	-96.105	.05516	.91644	.01330	05548	01357	00003	5.09950	7,92040	299.56000
-199.13G	242	11311	.02375	70900	10262	00765	00002	5.13590	7,90130	300.34000
-199.730	99.591	.11910	.03105	.61373	17172	99800*-	00005	5.15140	7.90680	399.24999
-200.330	199.670	.12907	.04027	.01714	22554	01794	00007	5.14869	7.92339	300.21000
-201.730	401.220	.07560	.04766	.00964	25714	03044	00007	5.09160	6.00550	5.75. 52.55.

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(ATURE2) ( 03 OCT 74 )

AEDC/VAS28 (IA87) -O1ET1S1-L/H SRB SEPAR.FROM O/ET

	60.400 15.800 7.900
DATA	PTOTL BETA CBETA
PARAMETRIC DATA	4.520 10.000 5.200 .000
	MACH ALPHA :: CALPHA :: X
	= 1258.5000 IN. XS = .0000 IN. YS = .400.0000 IN. 2S
AT.	XHRP YHRP ZHRP
ENCE DATA	SO.FT. INCHES INCHES
AEFER	2690.0908 1290.3900 1299.3000
	# # # H
	SAEF LREF SCALE SCALE

	•	3	5	×	Շ	Š	ಕ	PLTALF	CLTBTA	×
5	000	12111	02855	.91750	14885	04005	90000	5.11740	7.87639	.99586
5	101	20081	.03243	57916	18822	03205	00007	5.15150	7.82560	.61531
	90.674	13216	. 43639	.91544	21839	02876	900000-	5.14779	7.87669	.95681
	200.460	13118	.03794	.91150	24190	02747	70000	5.10020	7,99520	.84838
-396.360	399.520	.19929	.03772	71810.	23643	01357	-,00007	5.17250	7,88320	1.91219
		RUN NO.	789/ I) RN/L	ሊ = 4.01						
	•	ð	5	Š	Շ	Š	ෂ්	CLTALF	DL TB TA	×
Ę	-100.530	739957	20000	.02340	19577	54452	90000:-	5.17589	7.96289	.43299
Ş		.12865	.03532	.01694	16539	03397	000015	5.12379	7.84250	.12299
310	98.850	13191	.03781	.01624	21268	03220	-,00007	5.19480	7.85060	.35845
2	199.715	.12858	59792	.01326	24728	-,939.87	-,99997	5.15310	7.88320	.46346
-297.719	396.660	.09405	71750.	61716.	23570	51814	00007	5.19270	7.81780	.65628
		RUN NO.	788/ 9 RN/L	Λ = 4.00						
	^	3	5	<b>1</b>	5	Š	<del>ව</del>	CLTALF	D.TBTA	×
-194.540	-199.139	.96827	.02076	.02583	07680	03351	-,000015	5.19429	7.88030	.15063
689	795	111796	.03621	.01626	12451	02862	00003	5,00030	7,91970	.83812
5	99.110	06081.	.04156	.01576	19621	02901	00007	5.13100	8.01600	1.43890
9	199.689	.12429	.04462	.01301	25291	03372	-, 90000	5.14220	7.89665	49810
					1					40000

DATE 25 MAY 75				1467 14	IABT TABULATEC SOURCE DATA	URCE DATA				FAGE 473
			AECC/VA52	AEDC/VASZB (TABT) -Q1ET1S1-L/H SRB SEPAR.FROM OVET	F151-L/H 5R	B SEPAR.FRO	H OVET		(ATU263)	( 93 OCT 74 )
¥	MEFERENCE DATA							PARA	PARAMETRIC DATA	
34EF = 2440.0000 LREF = 1240.3090 BREF = 1240.3090 SCALE = 0191	2695.0000 36.FT. 1290.3000 INCHES 1290.3000 INCHES .0130	7380 P 11 11 11 11 11 11 11 11 11 11 11 11 1	1258.5000 IN. .0000 IN. 400.0000 IN.	2			MACH ALPHA DALPHA X		4.529 PTOTL 10.000 BETA -4.900 CBETA .000	1 = 60,400 1 = 15,600 A = 7,900
	-	RUN NO. 79	7917 D RN/L	L = 4.01						
•	•	3	3	<b>.</b>	Շ	ž	ŧ	CLTALF	CL TB TA	×
-397.860	90.450	.04304	.02551	.00923	13596	04453	90000	-4.76330	7.88189	13566
-399.390	199.910 399.720	.05286	.02653	.00156	16630	04068	90000	4.85240	7.68530	.16735
	_	RUN NO. 7	792/ D RN/L	L = 4.91						
	1	į	đ	3	ځ	Š	é	CLTALF	OL TBTA	×
<b>A</b>	2		1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	70010	11496	04605	70000	-4.85670	7.91160	14483
DATE - 100	200.002	90250	.02442	.02219	14892	04880	90000	₩.9228 <sup>()</sup>	7.95550	.58558
-299.750	399.780	.03067	.03399	02000	22627	02565	90000	4.05810	7.90020	19191.
		7 .0v .7	793/ 0 RN/L	r = 4.01						
1	,	ē	5	<b>X</b>	č	ž	é	DLTALF	CL TBTA	×
- 65	7	N. C.	.03931	90510	10356	03944	-,90006	-4.86429	7.91930	01261.
-199.360	20.55	04320	.03343	90500	14106	54878	00007	-4.89119	7.89720	09005
-200.930	401.190	.92462	.03363	00221	23450	02617	-,00006	7.90150	7.93750	16962.
			AEDC/VAS	AEDC/VAS28 (1A87) -OLETISI -L/H SAB SEFAR.FROM OVET	ETISI-LM S	BB SEFAR.FR	OH OVET		(ATU264)	( 33 OCT 74 )
-	NEFERENCE DATA	TA AT						PAR	PARAMETRIC DATA	<
							,	,	ACTO DES A	- 40
H	0000 S4.FT.		1256.5000 IN.	Z . Z				1 11 	10,000 BETA	
1290.3000 1407 : 1290.3000	1290.3000 INCHES		495.9090 IN.				3	"	-4.900 CBETA	TA = 7.900
#	.0100						×		900.000	
		AUN NO. 7	7967 9 RN/L	A: 4.00						
•	•	ð	5	3	Շ	ž	ਵੱ	CLTALF	CL TB TA	×
-396.027	3.	.05240	.03133	.00529	06221	04700	90000	4.05530	7.86770	299.97000 305.57000
-401.810	299.620	.03567	.03306	.000	21962	02964	90000	-4.65659	7,90300	300.02000
			795/ 0 RWL	راد. 4.01						
•	~	5	?	5	Շ	Z.	ŧ	OL TALF	CL TBTA	× 40 F
-200.060	99.436	.04498	.02659	06600	50060	03675	*.0000	-4.83289	7 69506	300.34000
-259.520	200.117	.05949	.03324	21200.	14466	436.	0000	-4.85359	7.89667	366,94990
-200.067	300.050	• 1350.	2555	(C)	A6.33.	20000		•	r	

ORIGINAL PAGE IS OF POOR QUALITY (ATUREA) ( 03 OCT 74 )

PARAMETRIC DATA

65.496 15.899 7.996

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EFERENCE DATA		
¥	DATA	
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11 11 11
PTOTL BETA CBETA
4.320 10.000 -4.900 300.000
# # # # <b>&lt;</b>
MON E ALPHA E CALPHA E
MARP = 1256.5000 IN. XS VARP = .0000 IN. YS MARP = 400.0000 IN. ZS
9000
N TAR
B.FT. MOMES MOMES
9000 \$ 9000 1 9000 1
SACT = 2000.0000 90.FT. LREF = 1296.3009 INCHES BACT = 1290.3009 INCHES SCALE = .9109
BACA :

,	300,36000 299,89000 299,94000
	7.91780 7.87240 7.88870
;	A. 86370 -4.86880 -4.86880
,	GBL -,00003 -,00004 -,00007
	CYN 02250 03454 03758
	CY 06667 11535 23690
10.4 = 1	CLM .01161 .00573 00554
794 0 RN/L	CA .01793 .02631 .03856
7	CN .03464 .05658
-	2 99.795 200.060 399.930
	198.860 -198.970 -198.203

### (ATU265) ( 03 OCT 74 ) AEDC/VASZB (TAB7) -OLETISI-L/M SRB SEPAR,FROM O/ET

PARAMETRIC CATA

XMEP = 1256.5000 IN. XS YMEF = .0000 IN. YS ZMEP = 400.0000 IN. ZS			CALPMA = -4.900	(6) " ×
	× 11 C	MODO IN WA	non in. 25	

### MUN NO. 797/ 0 RN/L = 4.91

x .15012 .23142 .43462	x .13147 .32251 .23873	×
0,1814 10192 07613 11473	DLT8TA 14747 13516 11274	OLTB TA
0.14.F -4.84740 -4.6520 -4.6520	D. TALF -4.81359 -4.91890 -4.85269	DLTALF
CBL -,00003 -,00003 -,00003	CBL -,02004 -,00004 -,00003	ਵੱ
CYN 02168 01949 01545	CYN 02764 02479	Š
CY 10529 11570 12257	CY 19480 11296 12563	გ
CLM .00403 .00449 .00325	RN/L = 4.01 CLM 1 .00759 3 .00260 5 .00260	RN/L = 4.91
CA .02568 .02650 .02661	7967 () RN/ CA .02623 .02579	7997 B RW
CN .04251 .03762	RUN NO. CN .03626 .03973	<u>رة</u> ع
2 99.612 199.105 599.620	2 99.346 202.870 399.690	•
7 -396.710 -396.010	7 -2**.710 -2**.090	

. 25989 . 44517 . 21500		. 14445 . 09076 . 20635
DLTBTA 19448 13595 96969		CLTBTA -,07951 -,13126 -,10533
DLTALF -4.85999 -4.85969 -4.88299		DLTALF -4,85730 -4,86300 -4,85580
CBL -, 00004 -, 00004 -, 00004		CBL -, 199003 -, 199304 -, 199904
CYN -,02669 -,03223 -,02030		CYN 01581 02876 02163
CY -,0e009 -,10533 -,13201		CY -, 05086 -, 58892 -, 13964
.00942 .00259 .00119	RN/L = 4.51	.00848 .00708 .00153
CA .02993 .03046 .02572	8937 S RN	CA .02325 .03596 .62719
CN .03205 .03747	ACE NO.	.03378 .03378 .03377
26.908 198.600 199.630		2 99.637 199.690 399.700
-199.180 -197.730 -200.130		,

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(ATUE66) ( 03 OCT 74	PARAMETRIC DATA
AEDC/VASEB(TABT)-OLETISI-R/H SRB SEPAR.FROM OVET	
	REFERENCE DATA

	REFERENCE DATA	CATA						•				
2006 : 200 1007 : 129 1007 : 200	2690.0000 30.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1256.5000 IN. .0000 IN. 490.0000 IN.	IN. XS IN. YS IN. ZS			KACH ALPHA DALPHA		7.520 590 2.200 .000	PTOTL BETA CBETA	= 60.409 = 15.700 = .999	
		RUN NO.	8547 D RN/L	رة 4.01								
•	~	3	3	Š	b	Š	ਵੱ	OL TALF	CLTBTA	2	×	
10.50	-130.299	90739	.04134	.01423	02303	.00316	00000	.21936	00160	Ē	.15511	
11.619	~	03527	.04379	.01153	03230	69600	0000	.12814	06891		.07493	
10.056	*	<b>+.</b> 95254	.04250	70100	04682	.0500	00001	.21294	01541	= :	.18693	
11.461	<u>.</u>	94088	.03526	00652	-,06179	00430	100001	23157	79020	•	.01435	
19.36	399,900	01424	.02682	.00160	56793	¥.110	00.0					
		RUN NO.	8037 S RN/L	A = 4.03								
,	•	3	t	<b>1</b>	b	Š	ಕ	Q.TALF	OLTBTA	₹.	*	
- 5	. 8	2120	19254	0.00470	92216	01735	00000	.17946	.04760	65	.18325	
	•	15220	.03537	77700	02364	01271	00001	.24469	04801	5	51522.	
102.000		01157	.03179	.00206	43585	91359	00002	.24313	03175	۲.	£0022.	
		RUN NO.	802/ 0 RBVL	A = 4.03								
•	~	3	3	Ť	Č	Š	ಕ	CLTALF	CL TB TA	2	×	
202.170	-98.886	91433	.02963	.00164	94771	02387	-,90001	.22181	532.75		61122	
200.240	•	00950	.03179	00295	04485	02418	00003	.24758	<b>26</b> 020.		04666	
199.875		12500	96620.	00127	05515	02239		.18889	00127		.04587	
200.640	200.390	.01190	.02719	-,00405	07296	-,01794	00008	.19795	04121	=======================================	2002	
199.600		00400	,02594	00337	09140	01542	00003	.22184	00327	~	.10617	
		ALM NO.	801/ 9 RM	A = 4.03								
•	~	3	5	ð	Շ	N.	ਵੱ	CLTALF	OL TO TA	<b>4</b>	×	
407.550	046.	75100.	.02610	00127	08936	01622	00003	.21422	00174		.08004	
394.000	•	99000'-	.02596	-,00016	09233	01711	00003	.22556	8£ 610.	•	05479	
396.099	2	-,00040	.02560	00034	09962	01539		.21760	.01610	. 61	09567	
400.830	2	1973.01	.02552	00032	09732	01435	<b>2</b> 0000 -	.22519	92910	ę.	.64132	
477.280	<b>1</b>	00066	102514	1006	09943	01330	00003	.21991	72.200	2	.25133	

	REFERENCE DATA	ITA						Ž	PARAMETRIC DATA	<u> </u>
SREF = 2690 LREF = 1290 BCALE =	2690.0000 39.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	M H H	1250.9000 IN. XS .0000 IN. YS 400.0000 IN. ZS	IN. XS IN. 7S 2S			HACH ALPHA CALPHA X	8	4.529 PT 500 BE 200 CG	PTOTL = 60.400 BETA = 15.700 DOETA = .000
			8057 D RN/	RN/L = 4.01	•					
>	N	3	3	ă	გ	N.C	ਵੱ	DLTALF	CLTBTA	×
12.231	-102.56	01732	57850.	699CU	03177	.00347	10000	30690	04752	300,12000
10.327	047	03814	.03630	.00335	76050	07800.	00000	.21591	.00108	300,02000
11.011	98.038	05959	.04027	51500	06590	27000.	-,00000	. 26693	0797.	259,97000
9.417	199.630	056AB	.04762	07251	06651	00397	- ,00001	.21679	.02556	299.88000
19.562	401.260	01698	.02755	00391	08518	01154	00072	.16929	.00339	300,060/0
,	•			בוא ביינע	<b>.</b>	ž	ŧ	0. TALF	Q, TB TA	×
3	-90.678	90110	1980	65815	01032	-,00429	10000	18107	.09811	300.18000
5	1.183	02315	03600	62216	(2213)	99000	-,00000	.17419	04505	299.95000
603	100.170	03601	.03736	199467	04067	.00036	100:00	122944	CABAT.	300,00000
3	199.620	01663	.03254	91000	05340	00656	00002	.21719	.91922	269.95000
190.529	399.90	.00403	.02597	-,00026	0165	01438	0002	.22521	00568	300,0000
		SCN NO.	0077 0 4N/	THAL = 4.08	•					
•	N	3	3	* T	Շ	Š	ಕ	OLTAL F	DL TB TA	×
P00.200	-99.529	01219	.03174	177762	03699	02059	00001	.16964	.01753	300,16000
040 Tu	.274	90974	.03137	.00123	04399	01799	0000	. <b>20432</b>	04868	300.23000
E31.440	169.64	ecco.	67080	STOCK.	-, 54969	-,01992	0000	.23426	51548	300.19000
201.720	199.760	.51105	.02011	97276	96622	01919	1975/12	.23643	38.9%	300.30000
199.550	490,360	32WG.	16820	90314	06961	01561	-,00002	. 19219	. 52695	379.28900

299.97000 370.10000 370.12070 370.97070 370.20070

DLTBTA .09450 -.02729 -.03729 -.43510

DLTALF .22899 .23986 .23935 .21455

CBL -,00002 -,00002 -,00002 -,00002

-.02066 -.01699 -.01735 -.01509

- 98216 - 98216 - 98977 - 99512 - 99513

CLM -.01357 -.07257 -.07047 -.07047

CA .n2732 .n2669 .n2638 .62573

CN .00716 .00373 .00048 -.00043

-.092 99.783 199.850 899.700

-199.539

IABY TABULATED SOURCE DATA

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¥	977									
	METERENE CATA	17						PAR	PARAMETRIC CATA	<b>*</b>
SAEF = 2690,0000 LAEF = 1290,3000 BAEF = 1296,3000 SCALE = 0.0100	.3000 34.FT. .3000 INCHES .3000 INCHES		1258.5000 JN. XS .0000 JN. YS 400.0000 JN. 2S	X X X X X X X X X X X X X X X X X X X			MACH ALPHA X X	£	4.520 PTG 500 BE 5.200 DBG	00,400 8ETA = 15,700 08ETA = .000
	-	AUN NO.	812/ D RN/L	1 : 4.08						
•	~	3	5	5	Շ	ξ	ĕ	CLTALF	DL TB 1A	×
19.379	-100.099	£961G.	.03965	.01630	06286	.00345	00000*-	5.21780	.00293	300,16000
10.00	2.06	\$1000.	.03948	.01303	95819	90200	10000	5.13520	.039 54	299,94000
10.050	95.766	92200	.03848	209001	-, 96145	99326	- ,00002	5.21059	91316	390.17993
. 361	629.102	09560	.03844	90264	-,06481	00716	00002	5.12785	.06474	299,90000
7.557	397.056	.02958	, D2694	12000.	07910	61090	-,00072	5.29363	.152.81	390.39000
	-	RUN NO. 81	811/ D RN/L	L = 4.02						
•	2	ž	3	נר∗	Շ	ž	É	CLTALF	OL TBTA	×
100.290	-101.030	.01200	.03592	99210	04622	00206	10000	5.23150	0.283	300.24900
172.130	-1.677	90191	.03867	.91323	94222	00106	-, 90000	5.28720	97681	300,46000
100.850	\$3.604	.00261	.63576	90900	13611	00483	10000-	5.21267	07695	399.16900
120.550	139.000	17410.	.03054	.00024	05228	00926	0000	5.21190	00671	309,17900
101.620	399.060	.03637	088201	.00211	-,06130	01516	20000	5.20910	-, 94139	300.2000
	•	RUN NO. 81	819/ 9 RN/L	1: 4:02						
	~	3	3	K)	Շ	ξ	ಕ	CLTALF	C, 78 TA	×
696,803	190.061	00355	.03139	64900	05899	01912	10000	5.21119	97591	300,00000
200.745	9091-	90702	.03233	12210.	06051	01853	-,00002	5.26150	-, 900.75	300.21900
200.349	₩.752	.17.432	.03205	.01039	06035	-,01990	00002	5.21660	.01606	300.31900
200.030	199.000	.52236	.02918	.00537	"6885	91876	5,000,-	5.18389	(7.831	300,02000
149.360	399.635	26080.	.02698	.01361	SAR25	01692	94802	5.19860	56193	395.17595



DLYBIA X -01556 300,06000 -04381 300,03000 -01394 300,12000 -07683 300,10000

5.22510 5.22500 5.23200 5.21970 5.21970

CBL -.00002 -.00002 -.00002

CYN -.01906 -.01906 -.01406 -.01408

CV -.09641 -.09741 -.09741 -.1997

CLM .005378 .00595 .70426 .70426

CA .02793 .02739 .02614 .02606

CN .02729 .02687 .03013 .03038

2 -105.070 -1395 -

400.280 346.280 400.380 400.180

(ATUZ69) ( 63 OCT 74 )

## AEDC/VAS28 (1A87) -OIE11S1-R/M SRB SEPAR.FROM O/ET

PARAMETATO DATA REFERENCE CATA

٠										
	2690.0/905.54.7 f.		1238.3550 IN.				A Pre	· ·	500 BETA	= 15.790
0421 = 1380	1290.3700 INCHES	Z MED II	499,0900 IN. ZS	2 2			18	_		*1
SCALE :	.6196						×	11	1960	
		RUN NO. 8137 9		RN/L = 4.02						
,	•	3	5	<b>X</b>	č	N.	é	OLTALF	CL TE TA	×
	\$10.8	02480	.04234	.02559	04742	.00611	- 00001	5.21949	01943	92260.
19.486	202	A 600.	.94368	.01526	04024	09900	00002	5.19790	92/90	.01065
10.666	28.837	09900	.63941	00093	54529	.00403	-, 99992	5.21179	-, 962 72	32958
19.390	P.M. 639	199714	.03315	00464	05763	00104	170002	5.20260	91256	0.07990
9.70	399.0	. 53213	. 1.2646	748170	00067	01358	-,199302	5.2555	.03473	.26319
		for mo.	8147 G RNZ	RN/L = 4.91						
>	~	3	3	3	ځ	Š	ਵੱ	CLTALF	CLTBTA	×
190.619	-100.000	.00034	.53238	.01574	05785	16400	100001	5.20500	90688	.04335
101.170		90513	. 53315	.01265	54432	-,9084	90001	5.16250	.03419	09678
99.557	191.050	87900.	0.73979	0.5500	94754	01984	-,90002	5.13300	.94327	.61590
99.420	199.530	.92524	.02849	.00163	05896	01273	909:2	5.19990	.04354	.34894
97.162	399.010	.03578	.92678	.07249	08540	51631	-,30002	5.24/20	.19279	.26549
		RUN NO	015/ G RN/L	10.4 = 3						
>	~	3	3	H)	Շ	C	ਵੱ	CLTALF	CL.TBTA	×
P79.019	-100.219	95939	.93125	.01536	-,07060	51921	00002	5.22190	02535	.13669
200.430		00280	.93128	.01366	06633	01971	90003	5.25520	90365	.32976
200.670	99.757	.51499	.52927	.93735	06813	01868	- 0000	5.21569	01478	. n.894n
201.260	199,620	.02534	. 12837	1975/4	07415	91884	064702	5.22430	- (972.32	153631
₩ <b>3</b>	399.670	.93127	. 172673	698060	59128	016-5	1767672	5.23790	.074 54	.25351
		RUN NO. BI	916/ 9 RNA	7:15						
٠	~	3	3	<b>.</b>	გ	Š	ಕ್ರ	CLTALF	CL 18 TA	×
300.130	-99.093	1615.	.02625	.00524	79529	01643	-,99932	S.179E	53102	29106
470.660	136	27657.	.72621	.00469	19763	01491	<b>2</b> 00006*-	5.2155	51672	.05532
420.549	\$1.9.08	.03953	.12617	.95420	59852	01425	<b>5</b> 00.00	5.225.0	P79 34	GREED.
430.02	199.947	\$65855	2572	.97490	<b>286</b> 6∪'-	01344	5.744.5-	5.22250	016.94	.15382

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(ATURTO) ( 03 OCT 74 )	PARAMETRIC DATA
AEDC/VAS28 (IABT) -OLETISI-R/H SRB SEPAR, FROM OVET	
	REFERENCE DATA

MACH = 4.520 PTOTL = 60.400 ALPMA =500 BETA = 15.700 DALPMA = -4.600 DBETA = .000 X = .000	CDL DLTALF DLTBTA X 2 .00001 -4.8067000734 .12031 2 .00070 -4.7859001694 .20371 302702 -4.755900074813969	CBL CLTALF CLTBTA X 6 -,00002 -4,80060 .0067010111 6 -,00003 -4,7206003366 .06433 3 -,00003 -4,714600016902925	CBL DLTALF DLTBTA X 900003 -4.77660 .0000116055 900002 -4.76480 .70641 .18161 500002 -4.6036006913 .02303
	CYN 44 .00402 6200142 5101375	CYN 8400998 3701726 6201453	CYN 92
2 <b>2 2</b>	= 4.51 CLM CY 5044303544 6030705582 5070306751	CLM CY -00380,04684 -00583,05237 ,00075,08962	CLM CY 005%406592 003%407594 0075706925 = 4.00
1256.5000 IN. AS. ODDO IN. YS.	CA CLM CA46 CA46 CA46 CA46 CA46 CA46 CA46 CA46	334 334 361	CA CLM .0301007 .0271707 .0281807
H dige.	CA 15100 151000 157270 157270		CH 01609 61940 02289 KUN NO.
.3000 34.FT. .3000 14CHES .3000 14CHES	2 100,000 196,690 396,690	2 675 675 675 675 675 675 675 675 675 675	076.07 036.07 113.8 113.8
SHEF : \$490,0000 BHEF : 1290,5000 SHEF : 1290,5000	965'01 638'01 638'01	7 90.679 102.780 100.750	7 27.72 28.22 28.22 29.23

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(ATU271) ( 03 OCT 74 )

	REFERENCE DA	DATA						FARA	PARAMETRIC DATA	<
SAEF = 2690. LREF = 1290. BREF = 1290. SCALE =	2690.0000 50.FT. 1290.3000 INCHES 1290.3006 INCHES	X X X X X X X X X X X X X X X X X X X	1250.5000 IN. XS .0000 IN. Y* 400.0000 IN. Z»	IN. YS IN. ZS			MACH ALPHA PALPHY X	' FG	4.529 PTOTL500 BETA -4.899 CBETA 390.009	A = 15.709 TA = .009
		RUN ND. 82	821/ D RN/	RN/L = 4.00						
Y 11.049 10.064 10.810	2 98.847 199.895 451.530	CN 15709 11794 08527	CA .03855 .04184	CLM 00964 00945 00427	CY 04367 06035 08795	CYN -,00368 -,00316 -,01090	CBL .00001 .00001 00001	CLTALF -4.78020 -4.77940 -4.83100	CLTBTA 02385 .01197 02888	X 299.83000 300.07000 300.13000
		RUN NO. 63	822/ D RN	RN/L = 4.01						
7 100,710 97,842 100,420	2 99.989 199.080 399.750	CN 07306 06572 05133	CA .03642 .03645 .02860	CLM 00363 .00330 .00108	CY -,04803 -,06238 -,08408	CYN 00055 00575 01493	CBL 00000 00001 00002	DLTALF -4.79500 -4.71990 -4.77155	CLTBTA 00203 .10226 00494	X 300.29000 300.14000 299.96000
		9 .ON NO.	823/ IJ RN	RNZL = 4.01						
7 202.250 201.230 199.820	2 100.130 198.990 400.040	CN 02313 02643 02195	CA .03044 .03089 .02554	CLM 04355 04152 94717	CY 06224 06732 09845	CYN 01637 02102 01349	CBL -,00003 -,00003 -,00000	CLTALF -4.81689 -4.71389 -4.82849	OLTBTA 07737 .05443 00220	X 300,01000 300,09000 300,05000
		RUN NO. 8	824/ D RN	RN7L = 4.00						
Y 396.690 400.750 400.850	2 101.090 199.650 399.580	CN 02559 02952 03241	CA .02639 .02621 .02559	CLM 00769 - 00579 00433	CY 19607 19111	CYN 01564 01568 01395	CBL -,00001 -,00001 -,00001	BLTALF -4.84090 -4.76900 -4.78130	0LTBTA .03584 01131 54356	X 300.35000 300.26000 300.11900

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## AEDC/VAS28 (IA87) - DIETISI-R/H SRB SEPAR.FROM O/ET

						AEDC/VA\$2	C- (1881) 8	AEDC/VAS28 (1A87) - OIETISI-R/H SRB SEPAR.FROM O/ET	SRB SEPAR.FR	NOM OVET		(ATU272)		( 03 OCT 74	. 47
		REFERENCE DATA	NCE DA	4							PAR	PARAMETRIC DATA	DATA		
SREF = LREF = BREF = SCALE =	2690 1290	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	MCHES	XMRP YMRF ZMRP		1258.5000 IN. .0000 IN. 400.0000 IN.	IN. XS IN. YS IN. ZS			MACH ALPHA CALPHA X	n # n # _ <b>\$</b>	4.525 509 .200	PTOTL BETA CBETA	11 11 11	69.490 15.709 -4.999
				S NO.	2	627/ G RN/	RN/L = 4.01								
	-	~		ð		3	T O	ò	Š	9	DLTALF	OLTB TA	¥1	×	
•	99.439	-100.4	071	00332	۰.	.03019	.00421	.00469	00330	10000	.21109	-3.91350	3.50	.08086	•
15	192.849	-1.1	170	02607		56180.	97800.	00969	.00426	.00001	.26366	-4.06950	950	.38118	<b>a</b> c
10	101.020	99.767	767	03864		.03139	.00659	02365	,00244	10000	.21683	-4,00770	770	.1689	<u>ت</u>
10	100.710	2.661	980	03152		.52843	.00154	03335	00414	•••0000	.21906	-4.00380	3.80	.12659	e,
13	101.600	400.010	910	01115	<u>_</u>	.92581	.00163	05088	-,01033	000012	.23991	-4.06490	490	.05803	10
				RUN NO.		8267 G RN/	RN/L = 4.01								
	<b>&gt;</b>	7		3		3	¥ U	Շ	Š	rg)	CLTALF	OL TB TA	9TA	*	
20	200.890	-100.159	155	91111		.03134	.00072	51372	02300	-,00001	.25979	-4.00940	940	.05736	Ŷ
8	201.190	-1.272	272	02206	. ,.	.03264	.50758	.00390	01933	-,00000	.27362	-4.03415	415	.16642	~
20	299.289	99.755	755	02091		.03167	.03935	00888	51692	-,00001	.22632	-4.91179	175	.54817	7
61	199.719	200.779	67.2	00799	_	.172748	.00222	02497	91577	00002	.16772	-3.99140	140	55991	-
19	198.680	400.135	130	.00152	٥.	.02417	00134	-, 05002	01442	00702	.19241	-3.97270	£7.1	12293	ro.
				SUN NO.	85	825/ II RN/	RN/L = 4.01								
	<b>&gt;</b>	~		3		5	£	Շ	Š	ē,	OLTALF	CLTB1A	8 TA	×	
9	401.040	9.6	943	-,00096		.02578	00026	-,03889	02195	00002	.21629	-4.02490	061	.14439	•
3	399.950		377	00295		.02660	.00086	04037	02225	-, 00002	.23247	-3.94090	990	.07576	<b>y</b> o
Ĉ.	400.640	99.5	56.7	00025	<u>.</u>	.02362	00037	05131	01669	100001	.22837	-3.98630	530	.16238	eçi
6	600.270	2002	002	97000.	_	.02400	00109	-,05606	01473	-,00001	.21648	-3.96720	720	.04158	80
Ş	199.489	400.060	090	-,00095	,	.92277	00017	-,06239	01190	00001	.22036	-3.98950	950	.30616	g

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### VAS28 (1A87) -O1ETISI-R/H SRB SEPAR.FROM O/ET

( 11 11		60.400 15.700 -4.000
8		10 10
(ATU273) ( 03 OCT 74	: DATA	PTOTL BETA CBETA
(ATUR)	PARAMETRIC DATA	4.529 599 .200 309.999
	_	
		MACH ALPHA CALPHA X
AEDC/VA\$28 (TAB7) -O1ET1S1-R/H SRB SEPAR.FROM O/ET		= 1258.5000 IN. XS = .0000 IN. YS = 400.0000 IN. ZS
		XMRP YMRP ZMRP
	REFERENCE DATA	SAEF = 2690,0000 50.FT. LREF = 1290,3000 INCHES BREF = 1290,3000 INCHES SCALE = .0100

7 101.060 99.084 96.777 100.290	2 -100,360 2.503 101.090 199.880	CN 00148 02971 04518 04025	CA .03409 .03568 .0364 .03241	CUM .00448 .00142 .00142 00017	.01006 00966 02457 03612	CYN .01226 .01198 .00993 .00329	CBL .00001 .00002 .00002 .00001 00002	DLTALF .23054 .13814 .19519 .21444 .23022	0, 181A -4,01190 -3,96250 -3,93265 -4,00155	X 300,14000 300,01000 300,08000 300,09000
		RUN NO. 8	829/ G RN/L	ル= 4.91						
,		č	5	X O	ć	Š	ब्	CLTALF	<b>CLTBTA</b>	
. 420	, 8	17977	772955	07036	86900	76600	00000	.19860	-4.03130	300.17000
		82020	.02934	.00233	.99138	01033	.00000	.15828	-4.94199	
040	Š	-,02852	28950.	27700.	71139	01123	-,99999	.21295	-4.53670	٠,
910	3	71610	6888	.00624	02341	91217	-,00001	.28211	-4.08500	300,47000
198.940	399.480	.96191	.02439	90100	!4661	61434	-,99902	.21814	-3.92590	299.93500
		RUN NO. 8	835/ D RN	RN/L = 4.91						-
,	•	Ž	5	N.	Շ	Š	ಕ	DL TALF	CLTBTA	
. 670	יייי טעט	- 00035	RURSU	70000	52949	02387	00003	.22953	-4.51699	300.19000
7.7	190	00177	.72684	00000	93434	02285	-,00002	.22793	-4.01530	
27.0	99.829	99292	.02646	57000.	53908	52161	-,99992	.23414	-4.51439	355,19505
491.419	200.435	-,99905	.02405	90066	05098	51638	00002	.20495	-4.07339	300,19000
9	100 810	הפטטים -	12321	76000	-, 56047	91262		.21599	-4,053.00	300,16550

(ATU274) ( 03 OCT 74 )

## AEDC/VAS28 (1A87) -OIETISI-R/H SRB SEPAR.FROM OVET

	= 60,400 = 15,700 = -4,000
DATA	PTOTL BETA CBETA
PARAMETRIC	4.520 500 5.200 300.000
	MACH = ALPHA = DALPHA = 30
	= 1236.9000 IN. XS = .0000 IN. YS = 450.0000 IN. ZS
4	X HARP Y HARP
REFERENCE DATA	SO.FT. INCHES INCHES
REFEI	LREF = 2600.0000 50.FT. LREF = 1290.3000 INCHES BREF = 1290.3000 INCHES SCALE = .0100
	BAEF LREF BREF SCALE

<b>&gt;</b>	2	3	ర	Š	გ	Š	ಕ	DL TALF	CL TB TA	
100.670	-101.820	.03289	.03399	.91271	02831	.01109	00000	5.26870	-4.00970	309.35000
192,499	-2.651	.09714	.03708	.01311	02713	.01159	10000	5.30720	-4.09030	
100.910	126.66	00349	.03542	.00668	02343	.09752	00000	5.21475	-4.01350	
199.829	199.485	79000*-	.53056	.00210	92378	00126	-,00001	5.20960	-4.00760	300.12000
192.310	499.429	.02148	.02517	.00323	03938	01223	-,00002	5.19540	-4.06569	
		RUN NO. 8	832/ S RN	RN/L = 4.01						
<b>&gt;</b>	2	3	ర	ž	Շ	Ç	<b>ච</b>	CLTALF	CLTBTA	
200.255	-199.229	.01523	.02915	.05408	01579	01093	10000	5.22130	-3.99930	300.10000
200.490	475	00113	.03025	66600	02205	01027	.00001	5.26670	-3.99870	
200.960	99.973	99577	.03083	.51137	02567	51080	60000	5.23270	-3.93850	
199.260	199.810	.00525	.02875	.50786	92972	01369	00001	5.19070	-3.95219	300.15990
198.125	399.240	.02402	.02544	.00474	04822	51548	50000-	5.20560	-3.94279	
		RUN NO. 83	831/ S RWL	L = 4.91						
<b>&gt;</b>	2	ક	5	ð	Շ	Š	펄	DLTALF	CL TB TA	×
399.650	-199.999	.01271	.02839	51919.	-,03743	02263	-,00002	5.21740	-3.97239	299,90000
399.810	451	69215	90820	.01088	54453	02094	50008	5.23570	-3.94750	
699.179	99.589	.01903	.52569	.00850	95378	91626	00005	5.24310	-3.96860	
499,419	199,755	.02390	.02474	.99601	95947	01390	00002	5.22980	-3.974713	
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ORIGINAL PAGE LE

(ATU275) ( 93 OCT 74 )

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	60.499 15.795 -4.005	x .03968 .01528 .03520 .03493	x .05166 .28946 .36546 .27851	x .n2768 .18078 .24036 .00483
DATA	FTOTL = BETA = CBETA =			
PARAMETRIC DATA	4.520 500 5.200 .000	77777	YIIIY	77777
PAR	MACH = ALPHA = CALPHA = X	DLTALF 5.21760 5.14990 5.13290 5.21570 5.22720	DLTALF 5.19140 5.25000 5.21180 5.22220 5.24300	5.22180 5.19900 5.21780 5.21780 5.21580
	MACH ALPHA CALFW X	CBL 00001 09000 09001 09001	CBL	CBL 00002 00002 00002 00002
		CYN .00358 .00389 00701 00701	CYN 01594 01334 01485 01552	CYN 01944 01459 01411 01084
		CY 02832 02693 02892 04412	CY 02183 02393 02856 03383	CY ::04844 ::05709 ::05875 ::05879
	D IN. XS D IN. YS G IN. ZS RN/L = 4.00	CLW .01467 .01149 .00597 .00417 .00355	СLM .01043 .01334 .09874 .00730	CLM CLM .01093 .070772 .07642 .07564
	1256.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS 8347 G RN/L =	CA .03075 .03061 .02935 .02803 .02522	CA .03004 .03117 .02909 .02782	GA .02738 .02738 .02488 .02459 .02297
DATA	XMRP = ZMRP = ZMRP = RUN NO. 83	CN .02165 .00743 00104 .00329 .02465	CN .00200 00597 .00272 .01786	RUN NO. 83 CN .01371 .02040 .02311 .02473
HEFERENCE DA	2690,0000 59.FT. 1290,3000 14CHES 1290,3000 14CHES	2 -100.080 1.713 101.790 199.740 399.790	2 -100.010 862 99.862 200.170 399.300	2 -100.090 .170 199.990 399.730
°E	SREF = 2690.6 LREF = 1290.3 BREF = 1290.3 SCALE =	7 100.380 100.870 99.328 100.390	7 200.050 201.010 201.950 202.120	7 409.380 401.660 400.740 401.400

DATE 20 MAY 79				1487 T	1487 TABULATED SOURCE DATA	MACE DATA				PAGE 485
			AEDC/VAS2	AEBC/VAS28 (1A87) -OLETIS1-R/H SRB SEPAR,FROM OVET	T181-R/H SI	IS SEPAR.FRO	¥ QET		(ATUE76)	( 03 OCT 74 )
_	REFERENCE DATA	2						PAR	PARAMETRIC DATA	
SAEF = 2690.0090 BREF = 1290.3005 SCALE = 0100	.0000 54.FT. .3000 INCHES .3000 INCHES	XMRP H	1258.5000 IN. .00000 IN. 400.0000 IN.	1N. XS 1N. YS 1N. ZS			MACH ALPHA CALPMA X		4.520 PTOTL 500 BETA -4.800 DBETA	L = 60.450 = 15.700 A = -4.000
	_	RUN NO.	839/ <sup>13</sup> RN/L	L = 4.90						
•	~	3	3	ð	Շ	ž	ខ័	DLTALF	CLTBTA	*
101.719	99.326	11060	.03172	.00599	00372	00443	20000	-4.78490	-4.04289	.01940
190.979	200.000 400.630	99477	.03213	.00314	02451	00440	.00000	-4.78450	-4.00990	.15371
		RUN NO.	838/ D RN/L	'L = 4.91						
							i		1	,
>	~	3	5	נר	ჯ	CYN	<b>e</b>	CLTALF	CLTBTA	7 00461
200.870	100.070	05265	50350.	.00733	01174	01818	.0000	-4.74915	-3.97250	.12495
199.630	199.460 399.850	98616	.02663	- 00094	05640	01313	-,00001	-4.77370	-4,00439	07680.
		RUN NO. 8	837/ 0 RWL	יר = 4.01						
		į	į	į	?	٤	ē	14 E	A181.0	×
<b>*</b>	2	Z 6	Y)	CLM	- 05266	01757	0000	4.78400	-3.95550	02532
399.820	95.73		02260	71200 -	15113	91371	20000	-4.78830	-3.97349	.96747
399.020	490.059	02796	.02365	00539	-,06519	01178	-,00001	<b>-4.7789</b> ⊕	-3.98370	.08511
			AEDC/VA5	AEDC/VAS28 (1A87) -OIETIS1-R/H SRB SEFAR.FROM CVET	ET1S1-R/H S	RB SEFAR.FR	ON OVET		(ATU277)	( 03 OCT 74 )
	REFERENCE CATA	4						FAR	PARAMETRIC DATA	
н			1258.5000 IN.				¥ 3		4.525 PTOTL	
	SOOD INCHES	YMARP	.NI 0000.	7 48			₹ 5	1 II		۱ H س
	. 0106						×	11	300,006	
		RUN NO.	8457 5 RN/L	A = 4.03						
•	~	3	3	Ę.	Շ	ž	ಕ	CLTALF	CL TB TA	×
100.749	969.86	09055	.03493	00015	01130	.00555	20000	-4.78170	-4.91979	300.10000
97.439	199.490	00860	.03331	00351	03219	.99141	.00001	-4.77269	-3.899.69	300,00000
170.613	233.665		7.03.							
		AUN NO.	8417 D RN/L	ル = 4.91						
•	~	8	5	ð	Շ	ž	é	OLTALF	CL TB TA	×
201.930	190.940	96379	\$162U	.00334	01790	n994 <b>6</b>	00000	-4.85625	-4.03970	300.21999
P13.521	199.960	16010	14080	13600.	03339	01068	00000	-4.73010	02060.1-	300.39000
193.167	397.450	9454A	. 52845	. 1₁26		1386	100001	14.73.88	-3.9017.	644. action

### AEDC

( 93 OCT 74 )
(ATU277)
DC/VASZBIIABT) -O1ETIS1-R/H SRB SEPAR.FROM OVET
RE SEPAR.FROM
OIETISI-R/H S
C/VA528 (1A87)

DATA	
PARAMETRIC	

65,400	15.700	-4.990	
11	. 11	**	
1014	9ETA	CBETA	
7	500	-4.800	300,000
	, 14	50 	"
	A PHA	A W	, ,

### RUN NO. 842/ 0 RN/L = 4.01

XMRP = 1256.5050 IN. XS YMRP = ,0900 IN. YS ZMRP = 400,0000 IN. ZS

BAEF : 2890.0000 59.FT. X LREF : 1290.3000 INCHES Y BAEF : 1290.3000 INCHES Z SCALE : .0100

REFERENCE DATA

CATE PO MAY 75

x 299,97600 500,06000 500,22000
0LTBTA -4.00710 299 -4.01810 304 -4.08160 304
0LTALF -4.77610 -4.77660 -4.79550
CYN 01626 01731 01164
.04739 .05165
CUM 00713 00600 00597
CA .02518 .02531 .02332
CN 02548 02606 02693
2 99.847 199.830 399.755
7 400.660 400.690 401.530

### (ATU276) ( 03 OCT 74 ) AEDC/VAS28 (1A87) -OIETISI-R/H SRB SEPAR.FROM OVET

### PARAMETRIC DATA

	60.400 15.700 -8.000
	11 11 11
•	FTOTL BETA CBETA
	4.326 1.300 2.00 0.000
	MACH :: ALPHA :: CALPHA H
	8
	XMMP = 1256.5000 IN. XS YMMP = .0000 IN. YS ZMMP = 400.00000 IN. ZS
	W M H
7	X MARP Y MARP Z MARP
REFERENCE DATA	SO.FT. INCHES INCHES
ACFER	8880.0000 38.FT. 1280.3000 INCHES 1280.3000 INCHES

### RN7L = 4.01 044/ 0

3CVE :: 1960 :: 1960 ::

x .02364 .11731 .06935 24557	X .1491Ü n2736 16976 .19649 .18044
0LT8TA -6,00680 -6,07500 -6,00070 -7,92070 -6,70650	3L 181A -8.13265 -7.95555 -7.95446 -7.99466
DLTALF .25684 .25422 .25422 .25581	DLTALF .17293 .21561 .27864 .23794
	CBL -, 00003 -, 00003 -, 00003 -, 00003 -, 00003
CYN -,00920 -,00107 -,00347 -,00961	CYN -,02850 -,02961 -,02500 -,01669
CY .04323 .01415 00194 01777	CY .01903 .01760 .00444 01367
CUM .00171 .00718 .00642 .00469	CLM CONTROL OF A . 01 CLM CONTROL OF CONTROL
CA CORTSON COR	CA CA .02695 .03045 .03045
CN CN CN CN CN CN CN CN CN CN CN CN CN C	CN ND. 64 CN 07596 01616 01618 07516
2 -100.200 -336 -100.750 200.200 599.660	2 -99.261 .178 96.797 199.879
9 800.340 801.140 199.990 198.440 670.620	7 401.120 399.850 399.850 401.270 400.710

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SATE PO HAY 75	MAY 7					1A87 1	IABT TABULATED SOURCE DATA	COURCE DATA				FAGE	48
					AEDC/VA52	8 (1487) -OLE	T151-R/H 3	AEDC/VAS28 (1A87) -OIETIS1-R/H SRB SEPAR.FROM O/ET	Q 0/ET		(ATU279)	( 03 OCT 74	7
		REFERENCE DATA	Ā							PAR	PARAMETRIC CATA	4 +	
BACT LINET SCALE	000	1290.0000 90.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	X X X X X X X X X X X X X X X X X X X		1258.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS	7. 7. 7. 7. 7. 4. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.			HACH ALPHA DALPHA X	11 H H H	4.520 PT	PTOTL = 6 BETA = 1 CBETA = -	60.400 15.700 -8.900
			PCN NO.	845/ 0		RN/L = 4.00							
	<b>&gt;</b>	2	8		5	נראַ	Շ	Š	ಕ	DLTALF	OLTBTA	×	
2	202.610	-100.990	5-3722		.02649	00022	.93437	.00327	10000-	.24795	-6.05100	319.46999	
ĩ	202.540	.181	92098		.02552	000.5	.01386	.00324	000001	.18529	-8.04269	3 10,40000	
2	202.20	99.912	03137		.02809	.0383	00245	96200	9000U	.21777	-8.04559	339,39000	
2	200.790		63142		.02753	.00365	01369	91100	.00001	.21542	-8.00690	300.32000	
2	026.002	399.880	92167		.02619	28704.	91778	05847	•.00001	.22800	-8.51900	300.19000	
			S NO	846/ 0	/ O RN/L	L = 4.58							
	<b>&gt;</b>	2	3		3	X J	გ	Š	ಕ	CLTALF	CL TB TA	×	
Ç.	401.049	-190.169	00824		.92874	3,000	.91823	02261	00002	.23097	-8.91429	300,22000	
Č.	400.019	604	91415		.02965	.05416	.92076	02593	-,00002	76592.	-7.96479	300.14000	
39	399.580	99.263	(121.85		.03004	.00064	.01533	02659	100001	56275.	-7,98419	299.89000	
•	090,000	199.789	91719		.172959	.05752	66000	(12231	90001	.21357	-8,74849	299,99000	
Ŝ.	100.730		00282		172571.	.(94)(151	-,52535	01232	10000	.21375	-8.97369	355.16000	
					AEDC/VA524	8 (1 AR7) -31E	T151-R/H S	AEDC/VAS28 (TART) - METISI-R/H SRB SEFAR, FROM OVET	Q4 Q/E1		(ATUZRO)	( 93 OCT 74	Ž
		REFERENCE CATA	<b>1</b>							FAR	PARANETRIC BATA	2	

69,498 15,798 -8,999

PTOTL BETA SBETA

4.520 -.596 5.200 300,666

MACH E ALPHA E CALPHA E

6,002.00 300,23090 -7,992.80 300,09090 -7,945.10 299,89000 -7,917.30 299,78090 -8,005.50 300,20000

5.23130 5.23130 5.24140 5.27340 5.27691

GBL -.00001 -.00000 -.00000 -.00000

CYN .00422 .05476 .00136 -.05441

CY -.00182 -.00983 -.01040 -.01043

CC# .00315 .00666 .00679 .00615

CA .92590 .92819 .92772 .92716

CN .03739 .01756 .09604 .09221

2 -100.250 263 100.750 200.010

7 200.600 200.010 199.130 194.720 200.650

RN/L = 4.00

RUN NO. 8487 9

XMRP = 1256.5000 IN. XS YMRP = .0000 IN. YS ZMRP = 400.0270 IN. ZS

SAEF = 2690,0000 30,FT. LREF = 1290,3000 INCHES BREF = 1290,3000 INCHES SCALE = .0100

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(ATUZB)		
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A PARTIES A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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1487 TABULATED SOURCE DATA

SREF = 269 LREF = 129 BREF = 129 SCALE =		•									
	2690.0050 59.FT. 1290.3000 INCHES 1290.3000 INCHES	XXXX YXX P YXX P ZXX P ZXX P	1256.5000 IN. .0000 IN. 400.0000 IN.	2			MACH ALPHA CALPHA X	30	4.520 PTC 500 BE 5.200 DBG	PTOTL = BETA = CBETA =	60.400 15.700 -8.000
	u£	RUN NO. 34	3477 9 RN/L	L = 4.00							
>	~	3	5	Š	გ	Š	ಕ	CLTALF	CL TB TA	×	
400.530	•	.99471	.03025	.01027	100964	02410	00002	5.18985	-7.97530	300,08000	_
400.235	191.	.00043	.02954	.01368	-,00082	02175	00001	5.19420	-7.95580	300.01000	_
399.900	99.056	60666	.92921	.01564	01320	01730	00001	5.28400	-7.94290	309,06040	_
400.599	199.590	.01346	.02519	10600	52366	01290	-,00002	5.23920	-7.9779-	300.32000	<b>-</b>
490.750	399.790	20020	.02303	.03675	93211	01052	00002	5.21889	-8.00505	390.25560	_
			AEDC/VA52	6 (TAR7) -O1(	ETISI-R/H S	AEDC/VASSB (TART) -DIETISI-R/H SRB SEFAR.FROM OVET	<b>₽</b> ⊘€1		(ATUR81)	( 03 001 74	~ ~
	REFERENCE DATA							PAR	PARAMETRIC DATA	. ₹	
692 =	2690.0000 SQ.FT.	H HARD	1258.5700 IN.				¥ S	и 1	4.520 PTOT	11. 1	69.499
	1290.3000 INCHES 1290.3000 INCHES	2000 H	.0500 IN.	й. 75 25			CALPHA	1 11			-8.000
SCALE =	9610.						×	**	986		
	us	RUN NO. 8	8497 0 RN/L	L = 4.91							
>	~	3	3	Ę	Շ	ž	ŧ	CLTALF	CL TB TA	×	
201.320	-101.190	.02808	16750.	67900	00462	.00128	-,00001	5.25559	-6.01900	.41459	•
202.800	975	.01496	.52809	.07686	00512	.00113	100000	5,23490	-8.9360	.63247	
201.175	99.516	.00603	.02729	93,648	00477	00344	-, 20000	5.21639	-8.95750	.29673	_
201.919	199.790	71100	629201	7.1900	00853	00643	-,90001	5.21579	-8.05875	.22288	_
200.350	399.630	.91150	.02508	.00782	02021	91143	30000°	5.23339	-7.98525	.19624	_
	ď	PUN NO. 85	8507 9 RN/L	L= 4.91							
>	~	ž	5	₩)	გ	CAN	ਭੱ	CLTALF	St. 78 TA	×	
470.195	-190.199	. m220	.02955	.01439	00019	92366	00001	5.22421)	-7.99650	12749	_
491.379		.09632	. 72763	.01294	51247	91744	00001	5.21495	-8.97959	.26119	_
490.890	100.460	.91354	.02538	66656	929.83	51379	97002	5.19300	-8.04049	00000	<u>,-</u>
490.623	200.019	.51611	.52437	.95792	52618	51264	90002	5.2:379	-8.55555	.15978	_
500	100 720	177160	F12246	Street,	93356	17.957	20000-	5.135.4G	0.000	16667	

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TABY TABULATED SOUNCE DATA	
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CATE 20 MAY 75				1467	IAB7 TABULATED SOURCE DATA	SOURCE DATA					PACE	607
			AEDC/VA526	3 (1487) -01	ET151-R/H S	AEDC/VAS28 (1A87) -O1[1151-R/M S98 SEPAR.FROM OVET	OH OVET		(4 70282)		( 93 OCT 74	2
	REFERENCE CATA	14						ā	PARAMETRIC DATA	CATA		
84EF = 2699,0000 LAEF = 1290,3990 84TF = 1290,3990 9CALE = 1109	2690.0000 59.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	XMRP :: YMRP :: ZMRP ::	1256.5000 fN. .0000 fN. 400.0000 fN.				A P X	MACH :: ALPHA :: DALPHA :: X	4.520 F 590 B -4.690 C	PTOTL BETA CBETA		60.490 15.700 -8.000
	-	RUN NO.	8527 0 RN/L =	. = 4.90	_							
7 200.550	100.039	CN 07918	CA .02948	CLM .00842	رم .02256	CYN 09817	CBL .90904	OLTALF -4.78570	CLTBTA - 6.00380		x .12576	
199.660	200.200 399.480	06550	.02960	.00915	00625	00408	.00005	-4.77770	-6.01470 -7.91379		05167	
	-	RUN NO. 8	8517 D RN/L	10.4 = .								
400.450	199.200	CN 03567	.0.837	CLM 90036	CY .00547	CYN 02552	000R	DLTALF -4.80480	DLTBTA -7.96060	,	× .94441	
490.699	400.010	02657	19220	00491	(2942	01141	100001	-4.77670			.21258	
			AEDC/VA\$28	(1487) -018	ET1S1-R/H SI	AEDC/VA\$28 (IART) -OIETISI-R/H SRB SEFAR,FROM OVET	94 O/ET		(ATU263)		( 03 OCT 74	
	REPERENCE DATA	<b>4</b>						A d	PARAMETRIC DATA	ATA		
#### = \$460,0000 LAEF = 1290,3000 BAEF = 1290,3000 #CALE = 0100	2690.0000 54.FT. 1290.3000 INCHES 1290.3000 INCHES -0100	YARP II	1258.5000 IN. XS .0000 IN. YS 400.0000 IN.	1. xS 1. 7S 1. ZS			ALPAA SALFA	# # # # # # # # # # # # # # # # # # #	4.520 F 590 Bt -4.690 Dt	PTOIL BETA DBETA		60.400 15.700 -8.000

CL 18 TA X -6.03610 300.51000 -0.06940 300.69000 -6.03560 300.31000

CLTALF -4.03410 -4.00750

CBL .00002 .00002

CYN -.00167 -.00232 -.00461

.01461 -.00249 -.02947

-.00132 -00242 -00248

CA .02603 .92742 .92647

CN -.08108 -.07983 -.06492

2 100.950 201.090 400.420

206.350 204.060 201.360

RN/L = 4.01

RUN NO. 8547 0

RN1 = 4.00

RUN NO. 8537 D

299,94000 390,29000

DLTBTA -8.00800 -7.99080 -8.01280

DLTALF -4.77650 -4.74590 -4.78720

-.00001 -.00001 -.00001

CYN -.02276 -.02313 -.01249

.00629 .00236 -.02625

CLM .00216 .00587 -.00391

CA .02837 .02984 .02**28**0

CN -.04369 -.04971 -.02856

28.958 199.250 399.850

400.410 349.960 401.130

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## AEDC/VAS28 (1A87) -O1ETIS1-L/H SRB SEPAR,FROM O/ET

(ATU284) ( 03 OCT 74 )

PARAMETRIC DATA

NATA:
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SMEF = 209 LMEF = 129 DMEF = 129 SCALE =	E690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	######################################	1258.5000 IN. .0000 IN. 400.0000 IN.	IN. KS IN. 7S IN. 2S			ALFNA ALFNA X	""""	25.1 202. 1009.	PTOTL BETA CBETA	15.799 1 15.799
,	•	ġ	856/ D RN	RN/L = 4.00		Ş	ē	14 14 2	Ē	2	<b>3</b> 4
- 500		, 008.	02124	מונים	- 0440	12662	00002	21991	.00063	ίŭ	. 32948
-206.749	216	- 00629	.02343	90140	08054	02625	99902	.23634		Ž,	33644
-296.265		93000	.02243	90063	97924	112575	00003	.24415	·	Ž,	91822
-296.490		.09478	.02292	00294	08394		00002	12723.			.34687
-290.641		00194	.02382	00369	10428	01964	-,50902	.21851	00765	č.	. 42272
>	•	3			٤	Ž	ē	7.47	13 18		×
-199.493		91939	.62614	6000	97261	03089	-,00003	.25529	04480	5	.06568
-197.205	218	90491	.02682	170036	06282	02805	90002	.19566	-,9545	č	27161.
-196.790		16145	.02821	000.007	[6622	52737	90003	.20632	0134	5	.24826
-200.219		.51207	76920	(7)482	57534	(2952	00003	.18524	03120	5	.27468
-197.010		99455	.02433	90503	-,19753	92139	90502	.18608	09293	ŭ	.39556
		RUN NO.	8587 G RN	RN/L = 4.01							
-	~	3	3	H 10	Շ	ž	GB.	CLTALF	CL. TB.T.	<b>*</b>	×
-101.3*0		91674	9,225.	90141	05547	!2323	00003	19776	.07527	4	51905.
-90.255	. 842	00013	.02088	90139	93387	51866	00001	17997	9132	7	.26690
-99.195		£9709.	91220	90167	-,94117	91829	00002	.19642	9500	9	.16231
*- 3-		.71681	. 12637	00313	%338	02160	- 50002	. 231 P.	0151	2	.38396
200		. (20.03)	30763	13650	1000	00000	COLOR	63341	4.007	•	211170

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TABL TABULATED SOURCE DATA

NACH				AEGC/VA 51	AECCYASEB (IART) -OLETISI-L/H SRB SEPAR,FROM OVET	ET181-L/H SI	RE SEPAR.FR	¥ 0.E1		(ATUZ85)	( 03 OCT 74	<u>.</u>
## 2890_0000 \$8.0 T.		REFERENCE DA	17.						PA9A	PARAMETRIC DATA	ATA	
CN				0000 1004	IN. XS IN. YS IN. ZS			MACH ALPHA CALPH X	<b>.</b>	4 . \$20 P \$00 B \$00 B \$00 B	PTOTL = 60 BETA = 15 SBETA =	60,400 15,700
2 CN CA CLM CY CYN CRN CRN CRN CRN CRN CRN CRN CRN CRN CR												
-113210110 -102225101131061811025371010021132101101023311021661057661021831000021132101101023311021691062601010361010021000021010361010031010021010031010	•	•	3	5	W C	Č	Z.	CB.	CLTALF	CLTB TA		
13200110 .72331002160218300202013600203 199,796 .004033 .0224300169062800173600203 .02023 401.320 .004033 .022540225602031500203 .02023 401.320 .004033 .02254022560225502256022550225600203 .02003 100,710 .00403 .0164200256041770133900202 .00200 100,710 .004036 .0162902251023770132400202 .00200 100,710 .004036 .0162302251023770132400202 .00200 100,710 .004036 .0162302251023770132400202 .00200 100,710 .004036 .0162302251025940129100202 .00200 100,710 .00206 .0122300256013590134602001 .00200 .012010225102001 .00200 .0120102251022560134602001 .00200 .012010225102001 .00200 .012010225102001 .00200 .012010225102001 .00200 .00200 .01201022560135902001 .00200	- 44	100	- 70610	\$4220	90115	06181	02557	-,00002	87022.	02716		
99.374	616.063	64.1	000110	72331	(7.2)	-,95788	02183	-,00002	.21393	-, 96926	6 300.31900	
199, 794   109966   172613   -102316   -102315   -102903   401, 1320   109033   102754   -106376   -110253   -102536   -100702   1090, 132   1090, 1	166.163-	361.0	30000	02443	69150	- [6280]	01036	00002	.23136	03478	8 396.24930	
#UN NO. 860/ 0 FN/L = 4.01  RUN NO. 860/ 0 FN/L = 4.01  Z	14.5 B6.2-	200	50.00°	11.967	- 0.256	97016	02315	-,00003	.21198	.05820.	0 300.40000	
RUN NO. 8657 0 FN/L = 4.01  Z CN CA CLM CY CYN CB.  -99.43401334 .0164200256046680173900702  100.710 .00956 .0162307251037370134000702  199.830 .02006 .03212300196055940129100702  2 CN CA CLM CY CYN CB.  199.830 .02006 .0162307261041770132100702  -100.25909175 .0311203596035940129100702  -100.25909179 .0311203596035960134607071  2 CN CA CLM CY CYN CBL  2 CN CA CLM CY CYN CBL  -100.25901606 .0127107572035960146607071  196.865 .02723 .01663070710276601696307071  399.830 .02723 .0166307021027690076307071	-301.780	401.325	.000133		00376	10253	02536	99662	15551	.97549	69 300.39070	
2 CN CA CLM CY CYN CBL -99.43401334 .0164200256046660173900702 .76900334 .0164200256046660173900702 100.710 .00456 .0162301251037370134000201 199.830 .02006 .03212300196035940129100702 199.830 .02006 .03212300196035940129100702 2 CN CA CLM CY CYN CBL -100.25001606 .0127107572035960134607701 -1.70001606 .0127107572035960134607701 -1.70001606 .0127107572035960140607701 -1.70001606 .0127107572035960140607701 -1.70001606 .012710757203596010602 -1.70007606 .01271075720359601060407701 -1.70007606 .01271075720359601060407701 -1.70007606 .01271075720359601060407701					ル= 4.91							
100,710   100656   -101256   -104666   -101739   -102001   -1020	1	٠	3	5	<b>X</b>	გ	ž	<b>9</b>	CLTALF	SL TB TA	×	
769 - (0031)	- 40		7	27915	88-5141	-,04668	01739	00002	20305	.03138	8 3/YI.39000	
100,710 00000 01623 -07261 -04177 -01321 -00002 199,930 000000 03223 -07261 -04177 -01321 -00002 199,930 000000 03223 -00190 -05594 -01291 -00001 000000 03212 -00190 -010450 -002457 -00002 000001 000000 000000 000000 000000 000000	100 00 00 00 00 00 00 00 00 00 00 00 00	****	2000	UP TO		53737	01540	90001	120021	17910.		
199,030 .02006 .0212300196055940129100001 199,030 .02006 .0212300193104560245700002 .02006 .0311202593104560245700002 .02002 .0311202593104560245700002 .02002 .0311202593025960314602001 .02002 .0314602001 .02002 .0314602001 .02002 .0314602001 .02002 .02001 .02002 .02001 .02002 .02001 .02002 .02001 .02002 .02001 .02002 .02001 .02002 .02001 .02002 .02001 .02002 .02001 .02002 .02001 .02002 .02002 .02001 .02002 .0200	CIT. 241-		48000	.01823	07261	04177	01321	00002	.19306	02695		
### CV CYN CBL C CLM CY CYN CBL C C C C C C C C C C C C C C C C C C		98	A)OSC	22120	00198	05594	01291	(1000)	.21352	.03436		
RUN NO. 8597 G RN/L = 4.01  Z CN CA CLM CY CYN CBL  -100,25001606 .01201075720359601346070701  -1,70000615 .013790762407596070701  96,371 .01353 .01474076760256601063070701  196,665 .02723 .01663070710492700763007011  399,630 .00778 .029150703261712002799070702	-200.400	470.450	90175	.13112	00503	10458	02457	00002	.18972	5A 84	4 399.26069	
2 CN CA CLM CY CYN CON CON CON CON CON CON CON CON CON CO												
-100.25001808 .012010157203596013460001 -1.7000015 .0137900241020580042300001 98.371 .01353 .01404002060108400001 196.860 .02723 .0166300771049270076300001 399.830 .00078 .0291500326101200209800002	1	•	ð	3	<b>1</b>	5	ž	ಕ	OLTALF	CL 118 TA		
-1,700 -101353 -113'-9 -10241 -10256 -100423 -100401 -10266 -011564 -100401 -10266 -101564 -100401 -10266 -101564 -100401 -10266 -101564 -100401 -10266 -101563 -100401 -10266 -101663 -100401 -10266 -101072 -10266 -100702		7			9:572	03596	01346	00001	.21651	01110		
96.371 .01553 .01474072760526601564072701 196.865 .02723 .0166307071049270076300701 296.850 .02723 .02695070720209607072	2/2-86-	002.4		0.7.10	1,70241	- 32050	00923	000001	.25265	r.a 342	12 350,18000	
196,660 .02723 .0166307771049270076300701 399,830 .00078 .0291507326101270209600072			11818	40440.	9.25	7.2258	01084	99301	.24245	. P		
399.630 .00076 .021010320010120 .0009000090	113. th	666	27.20	.01663		54927	99763	-,0000	.25195	03204		
	-96.526	399.639	92000	\$1620.	0/328	-,19129	- (12098	17/17/22	.21735	72765	55 300.13776	

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(ATU266) ( 03 OCT 74 )

PARAMETRIC SATA

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60.400 11.700 .950
PTOTL = BETA = CBETA =
4,529 -,500 5,200 300,000
MACH ALPMA DALPMA H H H
75 75 75
XMRP B 1258.3000 1N. XS YMRP B0000 1N. YS ZMRP B . 400.0000 1N. ZS
MARKET AND STREET OF STREE
##EF # 2000.0000 50.FT. LMEF # 1200.3000 1MCHES BMEF # 1200.3000 1MCHES RCALE # .0100
80E7 18E7 18E7 18E7

<b>&gt;</b>	~	š	40	Ť	Շ	z Č	ŧ	DLTALF	CLTETA	¥ 20,
\$90.920	-3.674	06825	.02486	.00376	06472	02307	-,0000	5.20730	6,680.	
296.360	076.	.0297:	.72571	2750	06353	01894	00006	5.2099	011111-	
100.040	100.250	01980.	.::2645	10806	06866	01640	20000'-	09202.6	0060.	
576.65	199.750	.53711	.029e7	.00428	98573		20000	5.2135	240.7	
-100.100	199.801	. 12755	.02887	-95139	11316	52412	.00003	5.2:860	(523)	
		ECN 40.	9637 9 RML	10.4 = 24						
,	•	3	5	zi C	č	ž	ຍິ	SLTAL <sup>6</sup>	OL TE TA	×
- !	•		304.00		27170	- 51741	נועטליעי. –	5.21.17.3	-, 90524	3/17.29/170
	-1.12	1.011	8	133000			60000	A 21700	671411	BING PACING
197.465		.02761	.01616	2	**!	- 11343	<b>y</b>	0.000		
196.473	\$1.4. \$	34046	66610	(916)	15410	- (97 <del>8</del> 93	100001	5.24130	\$(154.)*	5,71.51,72
100	199.00)	4040.	69220	52	97272	01159	<b>2</b> 00.00	5.24670	62390	3.70. 38(4.7)
-196.430	399.69	40450.	3234	\$63.77	11620	02459	00003	5.21455	73.1	3(4), 31(900)
		- O. N.	8647 D RNZL	16.4 = ハ						
	•	3	3	Š	č	ξ	ਵੱ	SLTALF	OL TB TA	×
1000	- \$4.007	.77256	.01235	197746	(12792	91275	00001	5.19040	.05454	300.3000
-97.653	1.633	2331	505 10.	- 172.67	02015	00812	100000	5.13730	87E.	315.21.000
207.70	107.720	BEARCH.	A77.10.	. N.1245	54714	00390	TOUGH'-	5.16620	- 1765 54	299.98476
-94 745	199.785	27.00	. 51823	551	168173	07.694	10000	5.21165	-51156	376.21996
		03670	53126	90,75%	1:27:	1,2793	Strate -	5.25390	64.29.	347.257.77

CATE 29 HAY 75	•			1487	TABLETED SOURCE DATA	CURCE DATA				FAGE 493
			AEDC/VA5	AEDC/VASZ8 (1487)DIETISI-L/M SEB SEPAR,FROM OVET	ET181-L/H S	EB SCPAR.FR	2 OET		(ATUR87)	( 93 001 74 )
	REFERENCE CATA	4 5						PAR	PARAMETRIC CATA	
19692 x 2690	2690.0000 58.FT.	XMRP ::	1256.5000 IN.	IN. XS			₽	"	4.529 PTOTL	1 = 69.499
*		T MARP II	.NI 0000.				AL PHA			= 15.7
**	1295.3953 It 65	ZVARP	450.0000 1N.	'N. 25			CAL		5.250 CBETA	ž A
SCALE 2	901.7						×		SPS:	
		RON NO.	867/ G AN	FN/L = 4.00						
Þ	~	ž	3	*10	ò	Ç	ਵੱ	OLTALF	CL TB TA	×
287.239	-150.060	.52318	.02353	.00763	58415	-,02535	00003	5.23599	971.94	.70866
-286.325	. 155	.03054	.02307	.07489	00076	02543	-,00003	5.1950	₹u600*-	96982
269.062-	28.735	50880.	.02304	.07386	GR674	02457	00003	5.21120	01729	.26081
-290.467	199.901	. 13383	.52485	518(%).	£9934	92214	00003	5,20450	02919	.45232
-238.305	418.319	.02774	.02471	.00199	11219	61836	000012	5.19117	- , 949 94	.15367
		RUSE NO.	86/ 0 AN	ENT : 4.01						
•		3	3	<b>*</b>	č	Š	ಕ	CL TAL	DLTB TA	×
138 651	-196.139	\$40.50°	. 42734	.07662	06978	02909	- 20003	5.21530	P5116.	. 40379
	749	12646	1,12815	.96525	06552	02705		5,20550	.07295	. 30554
-197.679	92.876	39850	₹650.	97446	97521	-,02500	00003	5.22279	578793	.47378
. 75.74	196.790	.03615	1.29%	. W.268	09575	57625	00003	5.25270	6248	.15250
-147.747	398.690	172367	.62572	.91126	11/56	0201-	216/6/15	5.24450	2264	.32746
		FUN NO.	8657 G RN/L	ル= 4.91						
•	•	5	3	3	ج	Ç	ਵੱ	CLTALF	CL. TB 7.4	×
50	100.00	.07:72	. 0.2214	.07420	03995	02334	- 1000	5.18835	03312	.13374
X. 88-		.72219	62220	.07279	- 73867	01723	171512	5.19370	. G75 B5	19778
-94.114	\$ . r.ie	91980		.93311	75851	91273	- (9)(9)	5.22450	05973	.54727
- 96.450	138.42	53762	.72.320	.03469	54293	12124	50:03	5.29330	01806	.28/15
-190.060	602.647	364.0	2.5.5.66	00107	12386	(12222	967832	5.10190	62129.	.56396

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					AEUL/VASCB(1187/-OIE/181-L/H SKB SCFAK-FROM O/K)	-			?	
	REFERENCE	E DATA	4				PARAMETRIC DATA	C DATA		
8;2EF	= 2490.0009 SQ.FT.	<u>.</u>	XXX	**	XMRP = 1258.5000 IN. XS	KAON "	4.529	PTOTL	"	69.499
LREF	= 1.295.3900 INCHES	HES	YME	"	OCCO IN. YS	ALFHA =	599 BETA =	BETA	44	15.700
BREF :	= 1290.3300 INCHES	HES	2MR.P	**	400,0000 IN. ZS	CALPHA =	-4.800	CBETA	n	0.00
SCALE :	co16.					#I	.000			

		2	0 / 6 / 8	EN.7. A D.						
>	2	3	3		გ	Č	ĕ	DLTALF	0∟TB TA	×
-298.365	99.913	53319	.52287	05545	98129	02663	-, 9:10:02	-4.77529	01193	267.2.
-298.690	199.679	52A78	.02322		08019	02634	50002	-4.73670	.91369	.1232
-298.340	399,895	02601	.62365	Ì	09418	02341	-,99992	~4.78000	-,00957	.4347
		RUN NO.	១ /698	RN/L = 4.00						
<b>&gt;</b> -	2	S	ర		Շ	ž	ණ	CLTALF	CLTBTA	×
-198.840	199,139	02849	.62592		05239	02907	-,00002	-4,80590	.92377	.05490
-198.770	199.900	52489	.92824	·	06979	52891	00003	-4.80189	01337	.3509
-199.12	400,940	-,02183	.02259	51355	09242	52504	-,00002	-4.85350	:12637	. 5216
		RUN NO.	8707.6	RNZL = 4.01						
<b>&gt;</b>	2	ક	ð		Շ	CYN	Ą	CLTALF	CL TB TA	×
-98.608	99.919	02047	62020*	00658	03465	91778	00001	-4.85285	00865	.33277
-98.835	199.830	01487	.02515		95225	52298	00002	-4.79715	76500.	.2900
-99.503	400.970	02485	.02395	•	- 59589	52852	20000	-4.82530	02520	32056

		REFERE	RENCE DATA	₹		AEDC/VAS28(IA87)-OIETISI-L/H SRB SEFAR.FR(M O/ET	a.	(ATU289) PARAMETRIC DATA	(ATU289) ( (13 OCT 74 )	8	XT 74
SAEF	"	2690,0000	a.FT.	X	н	= 1258.5000 IN. XS MAC	#O# "	4.52:	FTOTL	11	60.400
LREF	h	1299,3000	INCHES	YMRT	"		ALFHA =	-,599	599 BETA	11	15.750
BAEF	**	1290.3000	MCHES	ZMRF	u	400.0000 IN. 25 CAL	CALFHA =	-4.805	CBETA	FI	900
SCALE	11	.0199				*	: 4	390, 400			

		2 2 2 2 3	8137 C 118	10.4						
<b>&gt;</b>	2	3	క	¥7)	Շ	Š	ĕ	CLTALF	CL TB TA	×
-296.790	99.839	92534	.02256	99780	05629	92358	00002	-4.781.0	01631	300,00000
-298.530	199.650	02154	618261	59816	96477	02336	-,000012	-4.72539	568	350.45999
-302.064	- 451,129	92165	.02751	01316	09163	02757	00003	-4.84545	.19927	300,40090
		RUN NO. 8	872/ B RN/	RN/L = 4.95						
	2	8	5	CLN	č	N.	ฮี	SLTALF	DL TE TA	×
-198.100	160.800	12129	.91672	00646	63551	01564	47993	7 8738G	92136	300.35909
196.980	199.970	75818	.01978	1/1639	74456	01551	10001 -	rock! b.	કાર કાર્યા.	309,39,00
-2911.924	400.930	51854	.02861	01333	58696	52795	Profession -	-4.63133	86384	395.44558

DATE 20 MAY 75	•			1487	1487 TABULATED SOURCE DATA	OURCE DATA				PAGE 495
			AEDC/VA5	AEDC/VAS28 (1A87) -O1E11S1-L/M SRB SEPAR.FROM O/ET	ET1S1-L/H S	RB SEPAR.FR	OH 0/ET		(ATU289)	( 03 OCT 74 )
	REFERENCE DATA	4						PAR	PARAMETRIC DATA	
<b>SAEF</b> = 2690 LREF = 1290 BREF = 1290 SCALE =	2690.0000 SQ.FT. 1290.3000 INCHES 1290.3000 INCHES	* * * * * * * * * * * * * * * * * * *	1258.5090 IN. .0099 IN. 400.0000 IN.	IN. XS IN. YS IN. ZS			MACH ALPHA CALPH		4.520 PTOTL 550 BETA -4.800 CBETA 305.000	L = 60.499 = 15.709 A = .009
		RUN NO. 8	8717 0 RN/L	ル= 4.91						
۶	2	3	5	3	Շ	N Ö	ਵੱ	DLTALF	OL TB TA	×
-99.809 0.00	199.933	91358	.01338	00499	-,02066	00931	00001	-4.79830	.01360	300.14000 370.09000
-100,619	399.700	01355	.02759	. :00978	08725	02124	99962	-4.78285	-,0220-	300.17000
			AEDC/VA52	AEDC/VA\$28 (IA87) -O1E11S1-L/H SRB SEFAR.FROM O/ET	E1151-L/H S	RB SEFAR.FR	OH O/ET		(ATU290)	( 93 OCT 74 )
	REFERENCE DATA	<b>1</b>						PAR	PARAMETRIC DATA	
			, DOC 8				3			
SAEF = 2690 LREF = 1290			1258.5000 IN.				ALPHA			( 1)
BREF = 1290 SCALE =	1290.3000 INCHES .0100	ZARP =	455,0000 IN.	IN. ZS			∏ × GV	CALPHA ::	.200 <b>CBETA</b>	
		RUN NO. 81	874/ 0 RN/L	1. 4.01						
<b>&gt;</b>	2	3	5	Ş	Շ	ક	ਵੱ	CLTALF	CL.TB TA	×
-299,050		01117	.02044	.00238	10214	03583	00004	.23325	4.00020	.36529
-299.060	.139	60900 -	.02329	66000	9465	-,03538	-,00003	.22388	4.00650	.34622
-298.200	99.438	62200	.02432		90000-	03410	*.0000 -	21521	0.9800U	16121
-299.290	399.890	.00161	.02694	00484	14185	02526	00003	.21872	4.90299	.26405
	-	RUN NO. 87	875/ () RN/L	راء 4.91						
<b>&gt;</b>	~	3	5	¥)	Շ	ž	é	CLTALF	CLTBTA	×
-199.660	-96.995	01937	.02714	.09111	09289	03578	00004	.18255	4.00119	23342
-197.699	617	50963	.02701	.00018	07076	03459	.00003	.19924	3.96550	12580
-199.730	200.520	97677	.02811	00564	09548	03481	90004	.16228	4.02539	.24468
-199.560	400.930	00236	.92760	00570	14798	02549	00003	.18192	3.91799	.49116
	-	RUN NO. 87	876/ 0 RN/L	1. 4.91						
<b>&gt;</b>	2	S	3	GLW CLW	Շ	Š	<b>ਵ</b>	DLTALF	CL TB TA	×
-99.547	-190.139	63202	.02185	50132	97951	02667	50003	.19497	3.99250	09866
-94.652	1.231	91242	.02010	90134	04630	02110	-,00002	14791	3.97145	.09607
-99.338	99.849	.07573	02716	0.000.	- 04480 - 08304	02518	00003	19605	3 99790	18279
-100.510	401.070	10826	.52865	05829	15528	02752		.17223	4.03735	.25007

DATE 20 MAY 75				1487	IAB? TABULATED SOURCE DATA	SOURCE DATA				PAGE 496
			AEDC. VAS	28 (1487) -01	ET151-L/H S	AEDC. VASZB (1AB7) -OLETISI-L/H SRB SEPAR.FROM O/ET	OH O/ET		(ATU291)	( 93 OCT 74 )
	REFERENCE DATA	ŢĀ						PARA	PARAMETRIC CATA	
SAEF = 2690. LAEF = 1290. BAEF = 1290. SCALE = .	2690,0000 SQ.FT. 1290,3000 INCHES 1290,3000 INCHES .0100	XMRP YMRP ::	1258.5000 IN. .0000 IN. 400.0000 IN.	IN. XS IN. YS IN. ZS			KACH ALPHA DALPHA X	ج ساسه	4.520 PTOTL 500 BETA .200 CBETA 390.000	itt = 65.400 A = 15.700 IA = 4.000
		RUN NO. 8	879/ D RN	RN/L = 4.03						
¥ 900	2 2	20 5	C.A.	CLM - 00143	CY 07778	CYN 03120	CBL POP13	DLTALF	DLTBTA 3.98530	X 300.95000
-298.030	.391	00389	.02313	00188	- 06753	02848	00003	.22262	3.94520	299,92000
-296.119	99.187	.99789	.92473	00249	07298	02650	00003	.22617	3.95945	300,38000
-300.690	199.340	.02038	.92753	00351	09177	02631	-,00003	. 22224	4.02429	300.29000
-298.719	399.880	.00038	.03136	00605	14967	02863	00003	.21534	3.98495	300.13000
		RUN NO. 8	878/ U KN	RN/L = 4.03						
٠	2	3	3	CLM	Շ	Š	<b>ේ</b>	CLTALF	CLTBTA	×
-201.260	-96.946	01817	.01652	90364	-,06072	02163	-,00002	.18222	4.04935	300.38000
-199.470	1.233	50914	.01540	00118	04278	01969	00002	.17781	4,00775	399.27900
-197.210	100.780	.00991	.01658	90071	04370	01851	00002	.19883	3.96790	300.11999
-199.420	199.850	. 52837	.02127	00190	57216	01693	-, 00002	.21432	4.00280	300.25000
-200,960	400.420	.00189	.03393	90543	14241	!?2823	-,00003	.18579	4.06830	300.15000
		RUN NO. 8	8777.0 AN	RN/L = 4.03						
٠	2	3	3	Ş	Շ	Š	ਵੱ	CLTALF	OL TB TA	×
-99.556	-100.210	02669	.51218	70700	05105	91779	00002	.21858	4.00139	390,01900
-49.263	690	95899	.01238	00366	()2473	51934	99991	.25757	4,00029	300,18000
-100.630	97.731	.91072	.91424	00007	03449	01147		.27353	4.03660	300.24000
-159.749	198.289	59550	.91793	.00041	(76843	09860	50901	.25194	3.92525	300.35000
-98.951	399.769	.95268	.03202	- 111.293	14132	52392	99993	.21938	3.97549	299.95000

### 1A87 TABULATED SOURCE DATA

(ATU292) ( 03 OCT 74 )

PACE 497

### AEDC/VA528 (IA87) -OIETISI-L/H SRB SEPAR.FROM O/ET

## 1890, DDDD 89, FT.   XWRF = 1259, SDDD   N. X3   ALPA =500   BETA =500		REFERENCE DATA	7						PARA	PARAMETRIC DATA	2	
Park NO. 860/ 0 RN/L = 4.01			Y Y X X X X X X X X X X X X X X X X X X	1258.5000 11 .0000 11 400.0000 11				MACI ALPI X DALI			11 15 16	60.400 15.700 4.000
2 CN CA CLM CY CYN CBL DLTALF DLTBTA - 199.072					4.01							
-99.87E .01832 .02487 .004910731403510400003 5.22290 4.06590 .02486 .00294072140265400003 5.22290 4.06590 .02480 .02246 .00294072140265400002 5.20350 4.06210 199.800 .03303 .03248 .00329090310263100002 5.21500 3.99950 3.99960 .03503 .0325900052115310222300002 5.21500 3.99950 4.00520 199.900 .03303 .0322900052155660279600002 5.21500 3.99950 4.00570 199.030 .0303300052155660279600002 5.21500 3.99950 1.02262 .01673 .0033170226301199000002 5.21500 3.999601 1.02262 .01673 .0033170226301199000002 5.21500 3.999601 1.02262 .01673 .0033170226301199000002 5.21500 3.999601 1.02262 .01673 .00003 1.026920114100002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 5.20002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 1.02262 .00002 5.21500 3.99601 3.99601 5.20300 3.99601 1.02262 .00002 5.21500 3.99601 3	>		3	3	r.	Շ	š	ච	DLTALF	CLTBTA	×	
199, 670   -0.3118   -0.2488   -0.07294   -0.07214   -0.02654   -0.00003   5.21350   4.05210	-300.900		.01832	.02487	.00491	07361	03104	-,00003	\$.22290	4.06690	300.13000	
100.430	-299, 560	.356	.03118	.02488	.00294	07214	02654	-,00003	5.20350	4.05210	300.18000	
199, 800   .03033   .02992   .00435  11531  02223  00003   5.21500   4.00570   399, 900   .03033   .03229  00052  15566  02796  00003   5.21500   3.99950   3.999, 900   .03033   .03229  00052  15566  02796  00003   5.21500   3.99950   3.999, 900   .00394   .01663   .00307  04285  01990  00002   5.21550   3.999603   .1424   .02262   .01675   .00307  04285  01990  00002   5.21550   3.999603   .1990, 039   .04847   .02262   .07377  04285  01990  00002   5.21550   3.999603   .999603	- 196.373	100.439	04380	.02707	.00199	09031	02071	-,00002	5.18630	3.92010	300.04000	
299.900   .03033   .03229   .00032  15566  02796  00003   5.21360   3.99950	-200 470	CON . 001	0177	56650.	.00435	11531	02223	-, 90903	5.21500	4,00570	300.22000	
RUM ND, 8817 D RN/L = 4.01  Z CN CA CLM CY CYN CBL DLTALF DLTBTA -100.270 .00394 .01663 .09307042850199000072 5.21550 3.99803 -1.424 .02262 .01675 .09317042850199000072 5.22540 3.99803 199.030 .04664 .02780 .09317068820114100702 5.23540 3.99803 199.030 .04347 .02864 .00357103830119800072 5.23607 3.99803 393.710 .02886 .03589 .007531561402072 5.23607 3.99819 RUM ND, 8627 D RN/L = 4.01  Z CN CA CLM CY CYN CBL DLTALF CLTBTA00031 .01228003400289400031 5.2930 3.99829 10.893 .01848 .01864 .00040061220053300001 5.12930 3.94390 199.700 .04261 .02033 .00648064220053300001 5.12930 3.93849	-299.590	399.900	.03033	.03229	-,00052	15566	92798	-,00003	5.21380	3.99950	299.98000	
Z         CM         CA         CLM         CY         CVN         CBL         DLTALF         -100.270         -100.270         -100.002         5.21550         3.998.01           -1.424         .02262         .01675         .07317         -104265        01990        00002         5.21550         3.998.01           96.420         .04686         .02780         .07215        01990        00002         5.23540         3.954.01           199.030         .04347         .02496         .07057        11383        01198        00002         5.23540         3.954.01           199.030         .02406         .07357        13614        02007         5.2360         3.9620           352.710         .02486         .07353        13614        02007         5.21607         3.97610           2         CN         CM         CM         CM         CM         CM         CM           2         CN         CA         CM         CM         CM         CM         CM         CM         CM         CM         CM					10.4 = 1							
-100.270 .00394 .01663 .09307049500219700002 5.21550 3.99800 -1.424 .02262 .01675 .09317042850199000002 5.22540 3.99400 98.420 .04664 .02760 .09215069820114100002 5.23540 3.99460 199.039 .04347 .02464 .00557103830119800002 5.2360 3.99450 352,710 .02286 .03569 .000531561402002 5.2360 3.99610 X CN CA CLM CY CYN CBL DLTALF CLTBTA 00001 5.21600 5.97610 1.693 .01648 .00047000400612200001 5.12930 3.94390 1.003 .04261 .00033 .00648096460065400002 5.21320 4.01590 39.4700 .04261 .00033 .00648096460065400000 5.2350 3.94390 39.4700 .04261 .00033 .00648096460065300000 5.21320 4.01590 39.4700 .04261 .00033 .00648096460065400000 5.21320 4.01590	٠	~	3	\$	T d	Շ	ع ک	ಕ	OL TALF	CLTBTA	×	
-1.424   .02262   .01675   .07317  04285  01990  00072   5.23540   3.95460   3.95400   3.95460   3.95400   3.95460   3.95400   3.95460   3.95400   3.95460   3.95460   3.95460   3.95460   3.95460   3.95460	068.890	-190.279	.00394	.01663	.00300	04950	512197	00002	5.21550	3.99891	300.30000	
98-420 .04689 .02180 .00215069820114100002 5.23600 3.97610 199.030 .04686 .02366 .00257113830119800002 5.23600 2.08300 2.97610 35.710 .02886 .03365 .00753136140280400004 5.21600 2.97610 35.710 .02886 .03365035160260402004 5.21600 3.97610 3.97	-196.050	-1.424	.02262	.01675	71500.	04285	91990	50002	5.23540	3.95469		
199,030 .04347 .02466 .00557156140260400002 5.25160 2.08305 351,710 .02886 .03585 .00553156140280400004 5.21600 3.97810 821,710 .02886 .03585 .00553156140280400004 5.21600 3.97810 821,710 .00031 .0122803528035280352800001 5.20330 3.99620 101.000 .04163 .01864 .00004025540055400001 5.12930 3.94480 101.000 .04163 .01864 .00008061220005400001 5.12920 4.01590 1998.700 .04261 .02033 .00608055270253900001 5.21320 4.01590 1998.700 .04261 .02033 .00608055270239300004 5.26360 3.93840	-196.639	96.420	.04688	.027.40	.00215	96982	91141	0000	5.236/10	3.97615		
391,710 102886 103585 10053 -15614 -102804 -100004 5.21600 1.97810 1.9	-273.430	199.030	.54347	.02496	.00557	19383	51198	0000	5.25163	4.083.00	300,08000	
RUN NO. 862/ 0 RN/L = 4.01  Z CN CA CLM CY CYN CBL DLTALF CLTBTA -100.1300031 .0122800305015280155900001 5.20330 3.99620 1.693 .01648 .0140700304029540033300001 5.12230 3.94390 101.000 .04163 .01664 .00206061220054600001 5.14810 3.94480 199.700 .04261 .02033 .0060806120065400001 5.1320 4.01590 348.740 .03041 .02033 .00440155270239300304 5.26360 3.93840	-198,669	365,719	.02886	.03589	.00653	15614	02894	<b>-</b> .99994	5.21600	4,97819	300.01000	
Z CN CA CLM CY CYN CBL DLTALF DLTBTA -1035260155900001 5.20330 3.99620 1.0933 .01648 .0140700034025540053300001 5.20330 3.99620 1.01693 .01648 .014070612206122003300001 5.12930 3.94480 199.700 .04163 .016640612206122005300001 5.14810 3.94480 199.700 .04261 .02033 .0060806120655400001 5.1320 4.01590 3.9840					tí							
-100.13000031 .0122800305015280155900001 5.20330 3.99620 1.893 .01648 .0140700040029540053300001 5.12930 3.94390 101.000 .04163 .01664 .00206061220754600701 5.14810 3.94489 199.700 .04261 .02033 .00608098460065400002 5.21320 4.01590 348.40 348.40 .00304 .01566 .004400559300004 5.26360 3.93840	>		3	5	Đ	Ն	Š	GBL	OLTALF	CL TB TA	×	
1.693 .01646 .0140700040029540053300001 5.12930 3.94390 101.000 .04163 .01864 .00206061220754600001 5.14810 3.94489 199.700 .04261 .02033 .00606098460655400002 5.21320 4.01590 ass.740 .03041 .0356 .00440155270239300004 5.26360 3.93840	-99.416	-199.139	00031	.01228	00305	03528	01559	-,00001	5.20330	3.99625	300,06000	
101.000 .04163 .01864 .00206061220734600001 5.14810 3.94480 199.700 .04261 .02033 .0060609846065400002 5.21320 4.01590 ass.zec .0304 .0356 .00440155270239300004 5.26360 3.93840	-97.122	1.693	.01848	.01407	-,00040	-, 02954	00533	-,00001	5.12930	3.94390	299.66000	
199.701 .04261 .02033 .0060803846065406002 5.21320 4.01590 as zec .0304 .0356 .0040155270239300004 5.26360 3.93840	-96.874	191.090	.04163	.01864	90200	06122	00546	00001	5.14810	3.944817	299.61000	
1939 - 0239 - 0336 0340 - 15527 - 02393 - 03404 5.26360 3.93840	-100.450	199.700	.94261	. 02033	.00608	119846	00654	-,00002	5.21320	4.01590	299.97000	
	-98.520	396.760	193591	.03566	.00440	15527	02393	-, 9000	5.26360	3.93840	355,51500	

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in the

DATE 20 MAY 75

(ATU293) ( 03 OCT 74 ) PARAMETRIC DATA AEDC/VAS28(1A87)-O1ET1S1-L/H SRB SEPAR,FROM O/ET REFERENCE DATA

690. 1290.	2690.0000 50.FT. 1290.3000 INCHES 1290.3000 INCHES .0100	YHRP II	1258.5000 IN. XS .0700 IN. YS 400.0000 IN. ZS	X X X X X X X X X X X X X X X X X X X			MACH ALPHA DALFHA X	# # # # <b>*</b> * *	4.529 PTOTL509 BETA 5.200 CBETA .000	L = 60.400 = 15.799 A = 4.999
Y -294.520 -299.380 -299.910 -299.240	2 -100.650 -207 99.770 199.790	RUN NO. 8  ON  ON  O3251  O4252  G3958	28.57.0 RN/L = CL CA CL CA .02.381 .02.585 .02.5680 .02.5680 .02.5680 .03.5880 .03.5	CLM	CY 09739 09659 10938 13077	CYN 03468 03417 03954 02738	GL 00004 00004 0003 00003	5.22610 5.19590 5.19760 5.20780 5.19030	0.181A 3.96520 3.99750 3.95110 3.96840	x .62150 .07225 .32746 .19406
7 -199.495 -196.805 -197.265 -199.485	2 -99.415 -065 99.475 198.370	CN	6847 D RN/L CA .02721 .02774 .03188 .03188	CLM CLM .00778 .00693 .00836 .00316	C7 -,07644 -,06957 -,09500 -,12704 -,16014	CYN -,03629 -,03438 -,02837 -,02951 -,02452	CBL -, 0-1004 -, 0-1004 -, 0-10003 -, 0-10003	CLTALF 5.18840 5.21416 5.19756 5.27056	0LTBTA 4.00770 4.04010 3.95380 4.03510 3.94720	X .34547 .26267 268651 14457
7 -99.051 -99.277 -96.589	2 -105.210 -195 96.242 199.820	GUN NO. 8 CN .03103 .01426 .04951 .04234	CA .02244 .02244 .02245 .02457 .02457 .02457 .02457 .02457	CLM CLM CDA262 .00423 .00308 .00308 .00308	CY 05419 04333 97024 11671	CYN 02703 02034 01480 02097	CBL00003000020000200002000020000300003	5.19220 5.18220 5.21490 5.19700 5.21260	0.1791A 3.98710 3.98790 1.3.94750 1.3.94750 1.3.94940	X .03950 .03366 .27984 .26166

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AEDC/VAS28 (TABT) -OLETISI-L/H SRB SEPAR.FROM O/ET RN/L = 4.05 RUN NO. 8867 0 RN/L = 4.01 CLM -.00569 -.00668 -.01546 -. 11346 -.00724 - :Y3854 ¥ J = 1258.5000 IN. XS = .0000 IN. YS = 400.0000 IN. ZS CA .112658 .512859 .52456 .02261 .02485 .02396 RUN NO. 8877 0 -.93519 -.02026 -.03005 -.31916 -.51831 -.02693 YHAP ž ž REFERENCE DATA BREF = 1290.3000 INCHES LAEF = 1290.3000 INCHES = 2690,0000 SQ.FT. 198.665 399.865 2 99.928 199.489 100.280 491.559 0010 -299.340 -298.619 -196.410 -200.239 -200.579 -296.239 SCALE =

4.900

CBETA

-4.800 56.

KACH II ALPHA II X

18908

4.91319 3.99529

OLTALF -4.77970

-,00004 -,00004 -.00003

CYN -.03624 -,03475 -,02979

-.09567

-.09313

-.12696

-4.70930 -4.78560

CL TB TA 4.01529

.41576

.05801

15.700

11 11 11

PTOTL BETA

4.520

PARAMETRIC CATA

(ATU294) (.03 OCT 74.)

PAGE 499

IABY TABULATED SOURCE CATA

DATE 20 MAY 75

(ATU295) ( 03 OCT 74 AEDC/VA528 (1487) -OIETISI-L/H SRB SEFAR.FROM OVET

15.799 65.450 6.93 66 H H CBETA BETA PTOT! FARAMETRIC DATA 4.5%3 -.500 -4.800 300,000 MACH = ALFHA = CALFHA = X = 1258.5000 IN. XS = .0000 IN ve 400,000 IN. 75 \*\* XMRP YMRP LL THE REFERENCE DATA SAEF = 2690.0000 50.FT. LAEF = 1290.3000 INCHES BAEF = 1290.3000 INCHES 2010

RN/L = 4.00 RUN NO. 8917 D

CLTBTA X 3.97470 299.93000 3.94549 300.18900 299.89000 300,57990 300,36000 300,10000 3.99050 4.58695 4.02219 4.52795 CL TB TA CLTALF -4.78929 -4.79499 -4.83799 -4.78369 -4.78245 OL TALF -4.82179 CBL -. 19993 CBL -.99991 -.99992 -. ^0003 ..00003 -. 00003 CAN -.02944 -.03255 -.01933 -.52143 -,52942 Š CY -.06607 -.07620 -.12133 -.54997 -.04911 -. 12335 ჯ RN/L = 4.90 -.90875 CLM -.70564 -.05731 -. 95492 -.91297 -.91487 Ĵ .02534 CA .71578 .02296 .71843 .02913 .73186 RUN NO. 8907 D -.02640 -. 91397 -.91474 -.01703 -.92179 -, 97429 Z 3 7 191.279 399.817 500,040 99.799 199.410 420.880 -200.624 -299.219 -296.897 -300.460 -197.871

ORIGINAL PAGE IS OF POOR QUALITY

.63479

39679

4.00159

-4.81319 -4.83149

- 0.0003

-.00003

-. 52834 -.53348

-. 95875 -. 13/131

-.9160

.02614

-.02200

4.022.80

.16625 19893

LTBTA

DLTALF -4.81549

-.9993**2** 

CYN -.(12/127

-.05149

-.00466 -.00429

CA .020**25** .02369

-.02321

266.66 99.992

3

-.97895

199,920

-99.868

401,199

-100.140

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RN/L = 4.00

RUN NO. 8887 5

.29425

-. 40477

3.96847

-4.80830

-,00003 -.00003

-.03374

-.07279 -.08160

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-.03565 -.03238

-.12490

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CL TALF -4.79930

-4.87850

OLTBTA

4.02319 3.98885

SCALE =

(ATU295
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9
SRE SEPAR.FROM OVET
35 B.S.
7) -O1ET151-L/H
(1487) -0
AEDC/VAS28 (1A87)
-

PARAMETRIC CATA	MACH = 4.520 PTOTL = 69.409 ALPHA =500 BETA = 15.709 DALPHA = -4.600 DEE14 = 4.000 X = 390.000
REFERENCE DATA	SREF = 2690.0000 SQ.FT. XMRP = 1238.5000 IN. XS LREF = 1290.3000 INCHES YMRP = .00005 IN. YS BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZS SCALE = .0100

### RUN NO. 8897 9 RN/L = 4.91

X 30 <b>0.1200</b> 0 300 <b>.0900</b> 0 209.78000
DLTBTA 4.01650 4.07840 3.97920
DLTALF -4.80370 -4.75110 -4.78139
<b>CBL</b> -,00001 -,00002 -,000032
CYN -,01972 -,01579 -,02375
CY 02671 03890 12369
CL¥ 01376 00105 00865
.01 <b>283</b> .01296 .03036
CN 01141 001u1 51325
2 99.986 198.590 393.640
7 -99.917 -101.900 -99.160

### (ATU296) ( 93 OCT 74 ) AEDC/VAS28 (1A87) -OIETISI-L/H SRB SEFAR.FROM O/ET

FARAMETATC CATA	90 FTOTL = 69.400 NO BETA = 15.700 NO DBETA = 8.000
FARAMET	MACH = 4.520 ALPHA =506 DALPHA = .206 X = .060
	. xs . 75 . 25
	= 1258.5000 IN. XS = : .0000 IN. YS = = 400.007 0 IN. ZS
	и и и
	XIMAP YMSP ZMRF
REFERENCE SATA	2690, 0000 59, FT. 1290, 3000 INCHES 1290, 3000 INCHES - 0100
	SCALE ::

-241.050 -23.517 -200.210 -664 -290.140 99.336 -290.420 405.050	CN 02173 00881 .00225 .02264	CA .02353 .02366 .02512 .02309	CLI# .0M348 .0M066 .0M068 0M068 0M0639	CY -,12390 -,1967 -,19572 -,12389 -,18495	CYN 04356 04311 04302 04278	CP; 00006 00005 00006 00004	CLTALF .23493 .19480 .26569 .22582	0LTBTA 8.01710 8.01770 7.97080 8.78620 7.39690	x .07797 .25715 .14586 .02432
7 2 -199.0807 -99.266 -196.0807 -99.266 -196.0807 -99.266 -271.1207 94.852	CN CN - 63071 - 51144 - 61397 - 62423 - 62423	CA (72681 (72681 (72681 (72681 (72678 (72672 (72672 (726788 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (726788 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (726788 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (726788 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (726788 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (726788 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (726788 (72678 (72678 (72678 (72678 (726788 (726788 (726788 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72678 (72	ENZL = 4.00 CLM .00224 .00029 .00038 00526	CY 11283 08673 11265 1936	CYN 04153 03774 04173 04173	CBL0500309004090040900509005	CLTALF .16827 .18258 .21245 .15245	0,1814 7,92920 7,91460 8,04550 8,03320 7,99590	x 70385 46076 .18502 .47453

### IABT TABULATED SOURCE DATA

(ATU297) ( 93 OCT 74 )

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AEDC/VAS28 (I	
AEDC/VAS28 (1	
AEDC/VAS28 (1	•
AEDC/VAS28 (1	-

ATA	PTOTL = 69.490 BETA = 15.700 CBETA = 8.000		×	299.82000	6 305.03000	6 300.23000		g 300.12000		×	5 390.49900	9 390.13090		9 390,14990	0 300.02000
PARAMETRIC CATA	4.520 P		CL TB TA	7.9668	7.9303/	7,9945	8.02945	7.98775		OL TBTA	8.1954	8.0148	7.9469	> 03619	8 JUN 80
FARA	ج ا ا ا ا ا ا ا		DLTALF	.21614	.23429	.22844	.20594	.21726		OLTALF	.18185	.14497	.18233	.20481	.23455
	MACH ALFHA CALFHA X		ಗ	-,00004	-,00003	00004	00003	90004		ě	00003	-,00002	000012	-,00002	+.0000
			CAN	03674	03449	03443	53327	03262		ž	02699	72189	- (92)35	02042	63129
			Շ	09379	97699	97754	19811	18159		č	97384	55432	75438	09011	18537
	: : : : : : : : : : : : : : : : : : : :	RN7L = 4.00	<b>3</b>	93155	00062	50144	-,173485	97558	L = 4.95	<b>3</b>	A74147.	A55141	7dx	00112	00441
	1258.5990 IN. XS .0000 IN. YS 495.0000 IN. ZS	8957 0 RN/	₹	.92330	.72287	.92497	. N2A19	.03464	8947 G RN/L	ť	01672	1.000	61752	12187	.03718
ŢĀ	THEFT THEFT	RUN NO. 89	3	91612	e1900'-	176.876	17620	90800	RUN NO. 89	2	100630	50500	58600	2010	00399
REFERENCE DATA	= 2690.0000 30.FT. = 1290.3000 INCHES = 1290.3000 INCHES = .0100		2	-100.001-	254	920	199.300	399.840		•	200	200.06	096 101	000 000	399.070
ď	SAEF = 2690.0 LREF = 1290.3 BAEF = 1290.3 SCALE = 1290.3		٠	-298.760			101 101			1		100 340	600.661-	160.761-	060.661-

### (ATU298) ( 03 OCT 74 ) AEDCZVASZB (TART) - DIETISI-LZH SRB SEPAR, FROM OZET

PARAMETRIC DATA

60.400 15.700 8.000 FIOTL = BETA = CBETA = FTOTL BETA 4,525 -,500 5,206 301,000 MACH = ALPHA = CALPHA = K

RUN NO. 8967 0 RN/L = 4.00 SAEF = 2690,0070 50,FT, X LAEF = 1290,3700 INCHES T BAEF = 1290,3070 INCHES Z SCALE = ,0100

XMRF = 1256-500P1 IN. XS YMRF = ...(YPP) IN. YS ZMRF = 400.177P7 IN. ZS

REFERENCE DATA

7.955171 299.599766 8.010.80 3151,207745 7.96565 3151,299761 8,07769 300,13000 DLTBTA X 8.54620 390.12990 5.22210 5.16370 5.24946 5.21910 5.27679 CBL -.00004 -.00002 -.00003 -.00004 400000.--.02369 -.02369 -.03213 CYN -.03732 -.03437 -.00162 -.07746 -.15175 -.15175 CLM .(77639 .07482 .07762 .07072 CA .12395 .12416 .12794 .13333 .071958 .02726 .05404 .04695 .03461 100.630 199.850 2 -99.397 .234.690 -370.220 -3771.650 -290.030 -3: 0,000

## AEDC/44528 (1487) -QIETISI-L/H SRB SEPAR.FROM OVET

1 OCT 74 )		= 60 400 = 15.700 = 8.000
5	A T A	PTOTL BETA CBETA
(ATU298) ( 53 OCT 74	PARMETRIC DATA	4.520 Bi 500 Bi 5.200 Ci
	_	* " " "
73/0		ALPHA :: X
AEDC/44528 (1487) -QIETISI-L/H SRB SEPAR.FROM OVET		P z 1256.5000 IN. XS P z .0000 IN. YS P z 400.0000 IN. ZS
	. ₹	
	REFERENCE DATA	SARET B 2000.0009 50.FT. LREF E 1290.3009 INCHES BARET E 1290.3000 INCHES SCALE E1199
		555
		\$ 5 \$ X

		2	1/MA (1 //68							
▶	~	3	5	3	Շ	£	<b>න්</b>	PA TALF	CL TB TA	×
6.430	-100.260	90100	.01704	\$1000.	06127	02414	0000	3.20960	8.00570	300.30000
193.755	190	.01 866	.01696	.03344	06112	01729	00000 <b>2</b>	5.20400	0.00200	399.13999
2.7	97.968	21080.	002201	90300	08296	01252	00002	5.24800	7.94430	399.63990
3.720	190.849	.04768	.02796	.00629	14982	01297	00/03	5.24830	8.08150	300.87000
0.940	399.750	.03232	13967	.90121	20324	03130	00005	5.21360	7.96080	299,89000

1967 : 2890.0000 1967 : 1290.5000 1967 : 1290.3000	REPERÊNCE DATA 1890.0000 SA.FT. 290.3000 INCHES (290.3000 INCHES	47 7.0000 7.000 7.	H + H	Si 4	AEDC/VASZB (IAB7) -O1ET191-L/M S4B SEPAR,FROM O/ET 58.5000 IN. XS .9000 IN. YS .9000 IN. ZS .900	MOH ::	PARA A A I	(ATUE99) ARAMETRIC DATA 4.520 PTON570 DBETA 5.570 DBETA	DATA PTOTL BETA DBETA	8	METRIC DATA
SCALE =	0010.				K			0			

		RGN NO.	8997 D RN	RNAL = 3.99						
>	~	3	5	Ę	ځ	Š	ਵੱ	CLTALF	2,TBTA	×
-300.000	-191.139	.01767	.02355	\$64(in.	19852	04437	0000	5.23200	8.92720	1.05110
-255.350	***	.02699	0530	144(F)	10407	04423	-,00006	5.21679	7.99540	.06126
-299.730	100.250	.03149	.02561	THEO.	12771	03947	+,00004	5.15310	7.96200	.18396
	199.579	.04433	61620	.03234	16633	03121	+000C*-	5.22320	7.93760	940CZ*
-300.640	499.819	.03356	0380	<b>∪2</b> 500.	20309	02719	-, 99994	5.17169	7.99640	.41621
		5 × 5	696/ D AN	RN/L = 3.99						
•	^	3	5	Š	Շ	Š	ಕ	CLTALF	SLTBTA	×
-199.645	-99.047	9,171.9	10720.	28900	08955	04076	-,00005	5.15550	7.99881	.2163
-199.500		.02170	.02685	67700	06370	03937	-, 70093	5.21:29	8.94361	1767
-197.280	98.739	.93444	ABUSG.	911(4)	:0012	03429	£0000; -	5.17437	8.000 PJ	51955
-197.250	196.030	.54493	.03487	.90312	16341	72989	400000-	3.26000	7.96819	47004
196,060	673.610	12A31.	13267	- 0000	2.999	FR886	- SPENIA	5.1412'	7.9624	56.7

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CATE PO MAY 75	•			1487	1487 TABULATEC SOURCF DATA	OURCF DATA				PAGE 503
			AEDC/VAS	AEDC/VASZBETABT) -OLETISI-L/H SRB SEPAR.FROM OVET	ET181-L/H S	R SEPAR.FR	9 QE1		(470399)	( 03 OCT 74 )
	REFFRENCE DATA	*						PAR	PARAMETRIC CATA	4
34EF = 2690 66,F = 1290 26.F = 2690	26%5.0000 84,FT. 1259.3000 INCHES 1250.3000 INCHES	7 X X X X X X X X X X X X X X X X X X X	1258.5000 IN. .0200 IN. 450.0000 IN.	IN. XS IN. YS IN. ZS			ALPHA ALPHA SALPHA	, , , , , , , , , , , , , , , , , , ,	4.520 PTOTL 500 BETA -4.800 CBETA	71. = 60.400 A = 15.700 .TA = 6.000
		PECK NO.	9007 0 SN/L	ハニ 4.00						
**************************************	2 100,630 199,930 399,86	CN 03500 02420 01577	CA .02336 .02432 .02629	CLM 00672 00673 01490	CY 10513 16976 16049	CYN 04446 04286 03700	CBL 00005 00005 00004	DLTALF -4.80915 -4.79210 -4.78635	6.02290 7.99840 8.00050	X .03736 05247 .03273
		RUN NO. 9	9017 G RN/L	ハ= 3.99						
7 -198.535- 775.205- 199.591-	2 99.306 199.450 399.820	CM n3052 n1801 n1860	CA .(12715 .92736 .92535	CLM r76612 r7668 176	CY 09/138 19852 16268	CYN 03719 04177 03816	CBL 000% 50005 00004	DLTALF -4.78690 -4.81249 -4.78749	CLTBTA 7.92100 8.05920 7.9690	7 -1.02220 -53756 -57866
	REFERENCE CATA	4	AEDC/VA5	AEDCZVA\$28(1A87)-OLETISI-LZH SRB SEFAR,FROM OZET	E7151-L/H S	RB SEFAR.FR	₽ over	FAR	(ATUSHI) FARAMETHIC DATA	(18 00 74 )
SCALE : 2690 LAUT : 1290 SCALE : 1290	2690,0000 SQ.FT. 1290,0000 INCHES 1290,0000 INCHES .0100	* * * * * * * * * * * * * * * * * * *	1258.5990 IN. .0900 IN. 400.0990 IN.	IN. YS IN. YS IN. 7S			MACH ALPHA X	#1 	4.524 FTOTL 595 BETA -4.805 DEETA 300.995	7[ = 64,475 A = 15,735 TA = 8,175
		PUN NO. 9	9037 G GN/L	⁄ા 3.99						
7 086.107 086.108-	2 - 104 1040-061 264-66	CN -, 12783 -, 11458 -, 11458	. 02353 . 02584 . 03245	CLM 197710 197831 191498	CY 07534 06386 16216	CYN -,03559 -,03793 -,63572	CB4 00003 00004 00054	DLTALF -4.77580 -4.77580 -4.88970	0LTBTA 7.97215 8.04295 8.09350	X 300, 09900 301, 24900 301, 06990
		RUN NO. 9'	9027 G RN/L	n = 4.99						
-	~	ž	3	¥3	Շ	ž	ਵੱ	CLTALF	CL TB TA	×
-107.219	101.800	11810	.01631	07631	05681	02130	20000	-4.85650	7.92300	350.19000
-197.535	396.164	-104672	.03427	01213	16/130	03281	-,00004	-4.73150	7.91365	299.79/PP

AEDC/VASSB (IABT) -OLETISI-R/H SRB SEPAR, FROM OVET

T (ATU302) (-03 OCT 74 )

	REFERENCE CATA	ATA						PAR	PARAMETRIC DATA	ATA		
*	2690.0000 SQ.FT.		1258.5000 IN.				HA CA	,,		F TOTL :	60.400	8
LAEF : 1290	.3000 INCHES		.0000 IN.	1N. 7S			AF PHA	" <b>*</b>		BETA	13.7	3
11	1290.3000 INCHES	ZYARP ::	400.0000 IN.	IN. 25			CALPHA	" ' ¥	<b>&amp;</b> 8	CBETA :	£.93	Ē
SCALE =	.0100						<b>×</b>	•	200			
		RUN NO. SI	9067 O AN	RN/L = 4.99								
>	~	3	3	¥)	5	ž	ਭ	CLTALF	CL TB TA	~ ~	Ų.	
19.367	-100.540	91473	.04142	10210	-,06246	90561	100000-	.22286	3.99420		.15459	
12.782	1.379	91468	.04566	01707.	-,05072	00205	-, 99902	14924	3.93350		.04436	
19.765	99.724	91'45	.54111	(M)781	97513	93387	00001	.25522	3.98849		.11636	
19.795	199.76	01894	.53401	177659	19354	00700	05051	.21813	3.99179		.12267	
10.517	399.940	.90043	. 72 645	.97139	12705	01588	177772	.23543	3.99620	•	70535	
		RUN NO.	905/ 0 RN	RN7. = 4.00								
•	~	3	3	ð	ሪ	Z Č	ĕ	CL TALF	CL 718 TA	^		
\$.714	-39.424	03106	.03266	60\$0%	07931	02061	00001	STUBB	3.9960		. G9044	
100,060	205	5/1958	.03496	.00285	-,57469	01984	97003	.22374	4.51149	_	.02072	
191.699	\$9.924	.01098	.03195	90192	09150	51641	00001	.19654	3.97460		.02499	
194.979	199.360	.01679	72945	92275	11127	91542	99991	21622.	3.91193		.33333	
100.001	399,940	460.00	.52897	06291	13597	51707	90002	.22093	3.9792	Ġ	16245	
•		AUN NO.	9547 G RN	RN/L = 3.99								
<b>&gt;</b>	~	3	5	*\ 'C	Շ	C	ಕ	CL TALF	DL 78 TA	•		
059.003	-99.975	90966	.93233	12100	-, 19141	12555	00003	96722	3.99390		.31362	
199.549	3	90182	.03237	.07010	1998	02557		.22165	4.53230	'	172:P	
200.860	99.631	.07535	.03763	90149	11130	02203	20000-	.21114	Serve E		.13375	
200.790	692.002	56900	1,02974	00236	12120	61954	170,002	.21600	3.97725		00780	
199.937	399.760	10000	172869	172376	13278	622157-	000002	.22928	3.39369		91746	

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### AEDC/VAS28 (1A87) -01E7151-R/H SRB SEPAR, FROM OVET

### 69.499 15.799 4.990 (ATUS03) (-03-0CT-74--) PTOTL = BETA = CBETA = PARAMETRIC DATA 602°-300.000 MACH HALPHA HE CALPHA H XMRP = 1250.5000 IN. XS YMRP = .0000 IN. YS ZMRP = 400.9075 IN. ZS REFERENCE DATA SACF = 2460.0000 50.FT. LREF = 1290.3000 INCHES 2 BACF = 1290.3000 INCHES 2 SCALF = .0100

### RN/L = 4.90 RUN NO. 9977 9

DLTALF DLTBTA X 26323 4.03570 300.25000 20774 4.05160 300.15000 22437 4.01430 300.18000 22437 4.01430 300.18000		DLTALF DLTBTA X .185720738G 350.1509G .21764 3.9435G 299.71000 .18657 4.06990 390.250900 .21542 4.05290 300.15000
CBL D,00001,000		CBL CBL CBL CBL CBL CBL CBL CBL CBL CBL
CYN 01123 00528 01361 01302		CYN 01467 07912 01172 01261 01668
CY -, 03904 -, 07854 -, 08961 -, 09409 -, 12414		CY 56217 06626 10507 10507 13503
.03447 .03117 .03117 .03151 05747	n = 4.00	CLM .001931 .09734 00491 00491
CA .04269 .04198 .04409 .04278	PORT D ENTE	CA .03700 .03842 .03564 .03165
CN - 01601 - 01702- - 01702- - 01702- - 01702-	RUN NO. 91	CN 01894 07826 01237 01237
2 -101.339 -251 99.589 199.580 477,486		2 -99.395 219 105.270 199.730 599.895
10.461 19.263 19.263 9.759		7 60.00 60.00 60.00 60.00 60.00

### AEDC/VASZB LLART) -OLETISI-R/H SAB SEFAR, FROM OVET

(ATU3934) (-93-00T-74--)

PARAMETRIC DATA

### RN/L = 3.99 RUN NO. 9107 0

XMEP = 1256.5078 IN. XS YMEP = ...(903) IN. YS ZMEP = 400.5777 IN. ZS

SACT = 2690,0000 SA.FT. LACT = 1290,3000 INCHES SCALE = .0100

REFERENCE CATA

X 299.92000 299.84000 300.04000 300.01000 299.96000
DLTBIA 3.91775 4.35319 3.99299 3.99159 4.00169
5.28120 5.14410 5.20590 5.13530 5.22370
CBL 00002 00002 00003 00001 00001
CYN -,07645 -,01053 -,01160 -,01045 -,01045
CV -,0479 -,04078 -,09239 -,19752 -,12368
CL# .01732 .01150 .01150 .00139 001543
CA ,04445 ,04403 ,54029 ,54030
CN -01164 -01470 -02561 -01790
2 -101.940 1.266 99.733 201.080
7.11.94.9.10.10.10.10.10.10.10.10.10.10.10.10.10.

ORIGINAL PAGE IN

(ATU30A) ( 03 OCT 74 !

### AEDC/VASSB(1287) -OIETIS1-R/M SRB SEPAR.FROM O/ET

PARAMETRIC DATA	MACH = 4.520 PTOTL = 60.400 ALPHA =500 BETA = 15.700 DALPHA = 5.200 DBETA = 4.000 X = 300.000
REFERENCE DATA	BREF = 2000.0000 34.FT. XMBF = 1253.5000 IN. XS LREF = 1203.3000 INCHES YMBF = .0000 IN. YS BREF = 1203.3000 INCHES ZMBF = 400.0000 IN. ZS SCALE = .0100

# RUN NO. 909/ G RN/L H 3.99

×	300,16990	300,34000	299.89000	390.01000	300,00000
CLTBTA	3.96290	3.94350	3.95070	3.99695	3.99590
OLTALF.	5.23610	5.26930	5.20210	5.21119	5.22190
ŧ	100001-	00002	20000	95001	00002
N.S	00956	01023	01195	91313	01770
Շ	09320	06369	06650	10417	12648
<b>1</b> 0	70610.	51116.	.00336	.99119	.0202
5	.03627	.03943	.03620	.03190	.0295a
3	.99941	99100	01830	01880.	.03961
~	-100.740	-1.274	: 90.450	199.700	399.759
	0.00	2.000	28.120	0.180	0.360

# AEDC/VAS2B(1A87)--OLETISI--R/M SAB SEFAR, FROM OVET (ATUSHS) ( 03 OCT 74 )

FARMETRIC BATA	4.52:1 FTOTL =	ALPHA =50% BETA = 15.700	= 5.200 CBETA =	936; = x
•	EX .N. 0005.9521 - 4800	MARP # .0000 IN. YS	2048 = 400,000 IN. 25	
REFERENCE CATA		LACT : 1200.3000 INCHES	IKKES	SCALE = .0100

	C. 78
	CLTALF S. PORSO
	CBL
	CAN
	C4
KN/L = 4.0€	CLM
111 0 EN	CA
RUN NO. 9117 9	383167
	2.0.4
	<b>.</b>

<b>&gt;</b>	~	3	3	O, W	Շ	ξ	ਵੱ	CL TALF	Q. TBTA	¥
19.879	-98.977	.91535	.04474	.02594	06471	99433	-, 999R	5.20630	3.99360	91090
19.053	.145	72037	.04415	.0:233	97129	07254	-,0000	5.19349	3.94985	.03263
19.990	39.005	91025	. 94994	00327	97946	.00724	100001	5.20690	3.99795	97776
1.512	179.017	.02914	.03358	96317		90614	100001	5.21919	4. 420	-,01004
• .	344.790	750507	226201	19384	12608	51650	20000	3.22000	4.030e0	
		REW NO.	12/ 0 RN	NA = 3.99						
-	~	3	3	<b>M</b>	გ	چ	ਵੱ	CL TALF	CLIBTA	×
199.220	-199.139	91393	.03427	10810.	19764	01501	50003	\$ 25790	3.99970	91197
191.3%	. 503	992UU.	.43340	.00646	99434	01632	- 50002	5.15669	3.995'4)	051 N
171.760	100.010	1922'	17180.	.00325	67460"-	01516	00002	5.17350	3.97475	37567
\$3.3%	199.159	6298U	13:160	.07210	-,19979	91619	- (5006)	5.22115	4.93299	.26672
**.376	399.815	13767	29620	. 17.259	12928	01062	00062	5.2225	4.76885	.26371

## A W					1 487 7	ABULATED :	IABT TABULATED SOURCE DATA	⋖				PAGE 507
	•		AEDC.	VA 528 (1A	87) -01E	T181-R/H	AEDC/VASZB (IART) -OIETISI-R/M SRB SFRAR.FROM OVET	FROM OVET		(ATU305)		( 03 001 74 )
	REFERENCE DATA	DATA								PARAMETRIC DATA	C DATA	
								•				200
18C - 294	2000.000 SA.FT.	O O	* 1256.9000 IN.		SX.				# 5 E	25.	PTOTL	
*				.0000 IN.	<b>S</b>				_	5.200	CBETA	0000.
BAEF : 1P	1290.3000 14CHES .0100	e 2	\$3.6 <b>8</b>	400.0005 TN: ZS	en.					Chris.		
		ğ	913/ 9	# 	8.							
									,		i	,
•	N	ð	3	<b>*</b> 3	*	Շ	£				OLTSTA 2 005 40	Y
200.010	•	.99411	988807 1		.01282	11502	02357			•	0.000	57050
080.004			.03145		22900	11551	02154				0100	3,050.
200.250		102757			.00\$11	11773	7,502.		78.5.5 2.5.5.5 3.5.5.5 3.5.5.5 3.5.5.5 3.5 3		THE SECTION AND ADDRESS OF THE PARTY OF THE	- 07513
67.1.E	926.061 G		,		10.384	00000	78.	2000			3.97470	39.25
501.340		86286.	6.625.		. 7.4623	64061.,						
			70U <b>4</b>	11) #69 #67	- FS S1 -	AFC CANAGOR (TAMP) -51-[\$CLATEC SP8	\$			(ATU306)		( 16 APR 75 )
					:					FARAMETRIC CATA	C CATA	
	MEFERENCE DATA	CA:A										
# : 1387 1287 1287	2590.0VVN 58.FT.	T. KINGE IS VINCE	= 1258.50 = .04		15 7.				BETA =	68.	FTOTL	= 60.490
M H	1290,3000 INCHES .0100	dy S	5.0C.4 2	AND CANAD IN.	<b>S</b> 2							
		RUN NO.	9147.0	RN/L =	4.91							
		7	776	3	5		W.	5	£	<b>e</b>		
		4.520	19.061	.13602		754	.0156E	79000.	-, mmb4	00002		
			<b>FE</b>	/va 528 (T	4371-Si	AEDC/VAS28 (1A07)-Si-19CLATES SAB	3			(ATU	(ATUBOT) (	( 16 APR 75 )
										PARAMETRIC CATA	IC CATA	
	ar there i	! !										
בייני הפליק הפליק	1890,0000 54.FT. 1890,0000 100-65 1890,0000 100-65		2.8821 H	.N1 0000, 000 .N1 0000, 000 .N1 0000, 000	ឌខឌ				# L J W L J	<del>6</del>	P 101.	<b>6</b> 0.40 <b>9</b>
		#G# #Ö.	. 9197.0	FN/L =	4.9							
		3 G	4 1 2	NO PARES		•	CL# .013 <b>29</b>	C4 (90093	CYN WM1	CBL 99972		
		£.					) }	1				

DATE 20 MAY 79	24 75				-	1487 TABULATED SOURCE DATA	ED SOURCE DA	ATA		PAGE SOB
				AEDC,	/VASEB(1A87	AEDC/VASEB (1A87) - S1 - 1 SOLATED	EC 3RB			(ATU308) (16 APR 75 )
	REFERE	REFERENCE DATA	⋖							PARAMETRIC DATA
			1						#£14	.090 = 17CT = 60.400
SAEF	2690.0000 SQ.FT.	4.FT.		1256.5	1256.5030 IN. XS. NI 0000.					
4.1	1290.3000 INCHES	MCHES	Ž.							
		•	PEN NO.	916/ 0	RN/L =	4.91				
		MACH 4.520	NACH 4.520	AL PHA 19.914	CN .05400	CA .02158	CLM .01034	CY .00081	CYN .00003	CBL 20001
				AEDC	:/VA528(1A8	AEDC/VAS28 (1A87) - S1 - 130LATED SRB	TEO SAB			(ATUSOS) ( 16 APR 75 )
	REFERE	REFERENCE DATA	7							PARAMETRIC DATA
386	2690.0000 SQ.FT.	76.FT.	XX XX XX XX XX XX XX XX XX XX XX XX XX	= 1258.5	1258.5000 IN. XS				BETA =	.000 FTOTL = 60.400
la.	1290.3000 INCHES	INCHES	200	: :	460,000 IN. ZS					
		-	Se NO.	917/ 0	RN/L =	4.01				
		<b>1</b>	4.520	ALPHA 5.011	CA .02195	CA .01973	CLM .00582	CY .00055	CYN -,00003	CBL 00001
				YED	C/VA528 (148	AEDC/VAS28 (1487) -51-190LATED SRB	55 88			(ATU310) ( 16 APR 75 )
	AFER	NEFENENCE DATA	1							PARAMETRIC DATA
SCALE :: SACE	2690.0000 90.FT. 1290.3000 INCHES 1290.3000 INCHES	Sa.FT. INCHES INCHES	YARRY ZYARR	H 11 11	1236.5000 IN. XS .0000 IN. YS 400.0000 IN. ZS				BETA =	.000 PTOTL = 60.400
		_	RUN NO.	918/ 0	RN/L =	4.01				
		<b>1</b>	MACH 4.520	ALPHA .022	CN . DODA2	CA .01789	CLM .02074	C√ .00061	CYN 00005	CBL ഇനിവ

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1487 TABULATED SOURCE DATA DATE EG MAY 75

AEDC/VA528 (1A87) - S1-150LATED SRB

(ATU311) ( 16 AFR 75 )

PAGE 509

67,453

.999 PTOTL =

BETA

PARAMETRIC DATA

REFERENCE DATA

XMRP = 1256.5000 IN. XS YMRP = .00000 IN. YS ZMRP = 400.0000 IN. ZS SMEF = 2690.0000 94.FT. 1 LMEF = 1290.3000 INCHES 1 BMEF = 1290.3000 INCHES 2 SCALE = .0100

RN/L = 4.51 RUN NO. 919/ 0 CYN -.00006 CY .00034 CLN -.09481 CA .01936 CN -.91916 AL PHA -5.070 MACH 4.529

CBL -,00000